

SERVICE MANUAL

LA-5 CHASSIS

<u>MODEL NAME</u>	<u>REMOTE COMMANDER</u>	<u>DESTINATION</u>
KDF-46E3000	RM-YD016	US/CND
KDF-50E3000	RM-YD016	US/CND

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REVISION DATE	SUBJECT
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LCD PROJECTION TELEVISION

SONY®

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KDF-50E3000



RM-YD016

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SONY®

TABLE OF CONTENTS

SECTION TITLE	PAGE	SECTION TITLE	PAGE
Specifications	4	SECTION 3: DIAGRAMS.....	36
Warnings and Cautions	6	3-1. Circuit Boards Location	36
Safety Check-Out	7	3-2. Printed Wiring Boards and Schematic Diagrams Information	36
Self-Diagnostic Function.....	8	3-3. Block Diagrams	38
SECTION 1: DISASSEMBLY.....	10	Signal Flow Block Diagram	38
1-1. Overview	10	Connection Diagram	39
1-2. Lamp Removal	11	3-4. Schematics and Supporting Information	40
1-3. Power Supply (Ballast Unit) Removal	12	BE Board Schematic Diagram (1 of 12).....	40
1-4. HAE Board Removal	13	BE Board Schematic Diagram (2 of 12).....	41
1-5. HCE Board Removal.....	13	BE Board Schematic Diagram (3 of 12).....	42
1-6. Ornamental Cover, Screen Frame, and Light Guide Removal.....	14	BE Board Schematic Diagram (4 of 12).....	43
1-7. Diffusion Plates and Screen Frame Removal	15	BE Board Schematic Diagram (5 of 12).....	44
1-7-1. Diffusion Plates (Screens) Tape Method	15	BE Board Schematic Diagram (6 of 12).....	45
1-8. Separator, Speaker, and HBE Board Removal	16	BE Board Schematic Diagram (7 of 12).....	46
1-9. Lamp Duct Removal.....	17	BE Board Schematic Diagram (8 of 12).....	47
1-10. Optical Unit Block Removal.....	18	BE Board Schematic Diagram (9 of 12).....	48
1-11. Chassis Removal	19	BE Board Schematic Diagram (10 of 12).....	49
1-12. Mirror Replacement.....	20	BE Board Schematic Diagram (11 of 12).....	50
Wire Dressing.....	21	BE Board Schematic Diagram (12 of 12).....	51
SECTION 2: CIRCUIT ADJUSTMENTS.....	32	G Board Schematic Diagram (1 of 2).....	53
2-1. Using the Remote Commander for Electrical Adjustments ..	32	G Board Schematic Diagram (2 of 2).....	54
2-2. Accessing Service Adjustment Mode	32	HAE Board Schematic Diagram.....	57
2-3. Viewing the Service Menus.....	32	HBE Board Schematic Diagram.....	59
2-4. Using the Remote Commander to View Service Data	33	HCE Board Schematic Diagram.....	62
2-4-1. Changing Service Data.....	33	SE Board Schematic Diagram	64
2-4-2. Exiting Service Mode	33	TE Board Schematic Diagram.....	67
2-5. Updating the Model Information when Replacing the BE Board.....	33	U Board Schematic Diagram.....	70
2-5-1. Verifying Model Information	34	3-5. Semiconductors	73
2-6. Adjusting the Horizontal and vertical Settings.....	34	SECTION 4: EXPLODED VIEWS	74
2-7. Resetting the Lamp	34	4-1. Screen Frame and Mirror Assemblies.....	74
2-8. Verifying Service Data Changes	34	4-2. Chassis and Optical Block Assembly	75
2-9. Resetting to Factory Defaults.....	35	4-3. Connectors.....	76
		SECTION 5: ELECTRICAL PARTS LIST	77
		APPENDIX A: ENCRYPTION KEY COMPONENTS.....	A-1
		APPENDIX B: REPLACING THE LAMP	B-1

SPECIFICATIONS

Power Requirements 120V, 60Hz

Power Consumption (W)

In Use (Max) 200W

In Standby Less than 0.8W

Inputs/Outputs **HDMI IN 1/2**

Video - 480i, 480p, 720p, 1080i, 1080p, PC timing

Audio - Two channel linear PCM 32, 44.1 and 48 kHz,
16, 20, and 24 bit

Audio - (HDMI IN 2 only) 500 mVrms
(100% modulation) Impedance:47 kilo ohms

Video (IN) 1/2/3

Video

1 total Y: 1.0 Vp-p, 75ohms unbalanced,
sync negative

S Video (IN)

1 total (4-pin mini DIN)

Y: 1Vp-p, 75ohms unbalanced, sync negative

C: 0.286Vp-p (Burst signal), 75ohms

Audio (IN)

500 mVrms (100% modulation)

Impedance:47 kilo ohms

Component In 1/2/3

(Y, P_B/C_B) (Component Video)

Y: 1.0 Vp-p, 75 ohms unbalanced, sync negative

P_B: 0.7 Vp-p, 75 ohms;

P_R: 0.7 Vp-p, 75 ohms

Signal format: 480i, 480p, 720p, 1080i

Audio (IN)

500 mVrms (100% modulation)

Impedance:47 kilo ohms

Audio Out

500 mVrms (100% modulation) Up to 2 Vrms at the
maximum volume setting (Varies with input level)

Digital Audio Optical Output (PCM/Dolby Digital)

Optical Rectangular

	KDF-46E3000	KDF-50E3000
Speaker Output (W)	12W + 12W	
Speaker Dimension	65 x 130 mm 2 ^{9/16} x 5 ^{1/8} in	
Dimensions (W x H x D)	1099 x 795 x 301 mm 43 ^{5/16} x 31 ^{5/16} x 11 ^{7/8} in	1187 x 847 x 320 mm 46 ^{3/4} x 33 ^{3/8} x 12 ^{5/8} in
Mass	27 kg 59.9 lbs	30 kg 66.3 lbs

All measurements are approximations

Trademark Information



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ENERGY STAR® is a U.S. registered mark.

Blu-ray Disc is a trademark.



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HIGH-DEFINITION TELEVISION

This TV incorporates High-Definition Multimedia Interface (HDMI™) technology. HDMI, the HDMI logo and High-Definition Multimedia Interface are trademarks or registered trademarks of HDMI Licensing LLC.

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Design and specifications are subject to change without notice.

Television system

American TV standard, NTSC
ATSC Compliant 8VSB, ATSC (8VSB terrestrial)
ANSI/SCTE 07 2000, QAM on cable

Channel coverage

Terrestrial 2-69/ Cable TV: 1-125 (analog)
Terrestrial 2-69/ Cable TV: 1-135 (digital)

Screen Size (measured diagonally)

KDF-46E300 - approximately 46 inches
KDF-50E300 - approximately 50 inches

Antenna

75-ohm external antenna terminal for VHF/UHF

Projection System

3 LCD Panels, 1 lens projection system

LCD Panel System

LCD (Liquid Crystal Display) Panel

LCD Panel

0.73 inch TFT LCD panel (1,280 x 720 pixels)

Projection Lens

High Performance, large diameter hybrid lens F2.4

Lamp

100W, XL-2500 Ultra High Pressure Lamp

Supplied Accessories

Remote Commander RM-YD016
Two Size AA (R6) Batteries
Operating Instructions
Quick Setup Guide
Warranty Card
Online Registration Card

Optional Accessories

Connecting Cables
Lamp
XL-2500 Ultra High Pressure Lamp
TV Stand
SU-RG13M (for both models)

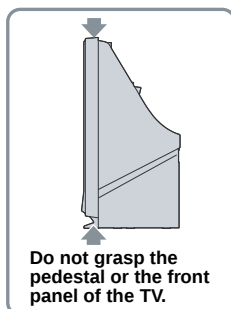
WARNINGS AND CAUTIONS

CAUTION

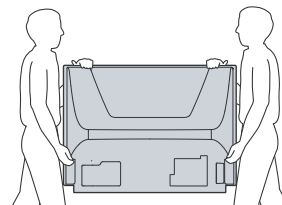
These servicing instructions are for use by qualified service personnel only. To reduce the risk of electric shock, do not perform any servicing other than that contained in the operating instructions unless you are qualified to do so.

CARRYING THE TV

Carrying the TV requires at least two people. Do not hold by the pedestal or the front panel of the TV. Doing so may cause these parts to break off.



When moving the TV, place one hand in the hole on the lower portion of the TV while grasping the top with the other hand, as shown in the illustration below.



If you have connected cables and cords, be sure to unplug them before moving the TV.

WARNING!!

An isolation transformer should be used during any service to avoid possible shock hazard, because of live chassis. The chassis of this receiver is directly connected to the AC power line.



SAFETY-RELATED COMPONENT WARNING!!

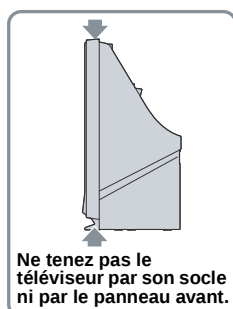
Components identified by shading and ⚠ mark on the schematic diagrams, exploded views, and in the parts list are critical for safe operation. Replace these components with Sony parts whose part numbers appear as shown in this manual or in supplements published by Sony. Circuit adjustments that are critical for safe operation are identified in this manual. Follow these procedures whenever critical components are replaced or improper operation is suspected.

ATTENTION!!

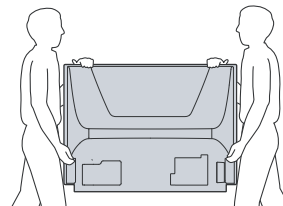
Ces instructions de service sont à l'usage du personnel de service qualifié seulement. Pour prévenir le risque de choc électrique, ne pas faire l'entretien autre que celui contenu dans le Mode d'emploi à moins que vous soyez qualifié faire ainsi.

TRANSPORTER LE TÉLÉVISEUR

Le transport du téléviseur doit être effectué par au moins deux personnes. Ne tenez pas le téléviseur par son socle ni par le panneau avant. Ces pièces risqueraient de se détacher.



Lorsque vous déplacez le téléviseur, placez une main dans l'orifice de la partie inférieure du téléviseur tout en tenant la partie supérieure de l'autre main, comme illustré ci-dessous.



Si vous avez branché les câbles et les cordons d'alimentation, veillez à les débrancher avant de déplacer le téléviseur.

Afin d'éviter tout risque d'électrocution provenant d'un châssis sous tension, un transformateur d'isolement doit être utilisé lors de tout dépannage. Le châssis de ce récepteur est directement raccordé à l'alimentation du secteur.



ATTENTION AUX COMPOSANTS RELATIFS A LA SECURITE!!

Les composants identifiés par une trame et par une marque ⚠ sur les schémas de principe, les vues explosées et les listes de pièces sont d'une importance critique pour la sécurité du fonctionnement. Ne les remplacer que par des composants Sony dont le numéro de pièce est indiqué dans le présent manuel ou dans des suppléments publiés par Sony. Les réglages de circuit dont l'importance est critique pour la sécurité du fonctionnement sont identifiés dans le présent manuel. Suivre ces procédures lors de chaque remplacement de composants critiques, ou lorsqu'un mauvais fonctionnement suspecte.

SAFETY CHECK-OUT

After correcting the original service problem, perform the following safety checks before releasing the set to the customer:

1. Check the area of your repair for unsoldered or poorly soldered connections. Check the entire board surface for solder splashes and bridges.
2. Check the interboard wiring to ensure that no wires are "pinched" or touching high-wattage resistors.
3. Check that all control knobs, shields, covers, ground straps, and mounting hardware have been replaced. Be absolutely certain that you have replaced all the insulators.
4. Look for unauthorized replacement parts, particularly transistors, that were installed during a previous repair. Point them out to the customer and recommend their replacement.
5. Look for parts which, though functioning, show obvious signs of deterioration. Point them out to the customer and recommend their replacement.
6. Check the line cords for cracks and abrasion. Recommend the replacement of any such line cord to the customer.
7. Check the B+ and HV to see if they are specified values. Make sure your instruments are accurate; be suspicious of your HV meter if sets always have low HV.
8. Check the antenna terminals, metal trim, "metallized" knobs, screws, and all other exposed metal parts for AC leakage. Check leakage as described below.

Leakage Test

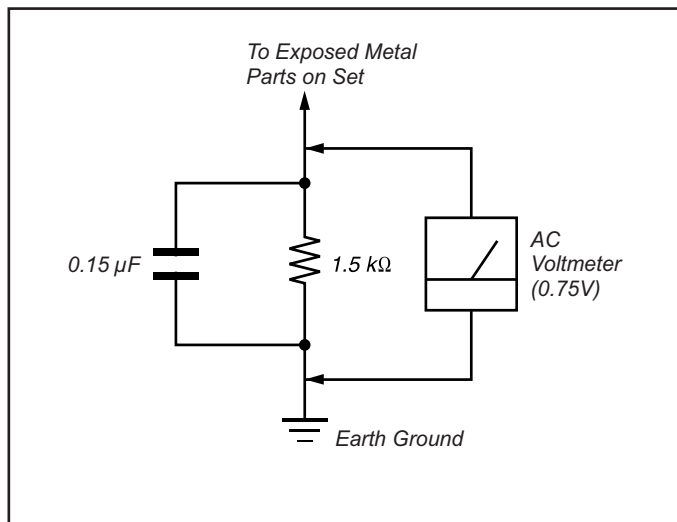


Figure A. Using an AC voltmeter to check AC leakage.

The AC leakage from any exposed metal part to earth ground and from all exposed metal parts to any exposed metal part having a return to chassis, must not exceed 0.5 mA (500 microamperes). Leakage current can be measured by any one of three methods.

1. A commercial leakage tester, such as the Simpson 229 or RCA WT-540A. Follow the manufacturers' instructions to use these instructions.
2. A battery-operated AC milliammeter. The Data Precision 245 digital multimeter is suitable for this job.
3. Measuring the voltage drop across a resistor by means of a VOM or battery-operated AC voltmeter. The "limit" indication is 0.75 V, so analog meters must have an accurate low voltage scale. The Simpson's 250 and Sanwa SH-63TRD are examples of passive VOMs that are suitable. Nearly all battery-operated digital multimeters that have a 2 VAC range are suitable (see Figure A).

How to Find a Good Earth Ground

A cold-water pipe is a guaranteed earth ground; the cover-plate retaining screw on most AC outlet boxes is also at earth ground. If the retaining screw is to be used as your earth ground, verify that it is at ground by measuring the resistance between it and a cold-water pipe with an ohmmeter. The reading should be zero ohms.

If a cold-water pipe is not accessible, connect a 60- to 100-watt trouble- light (not a neon lamp) between the hot side of the receptacle and the retaining screw. Try both slots, if necessary, to locate the hot side on the line; the lamp should light at normal brilliance if the screw is at ground potential (see Figure B).

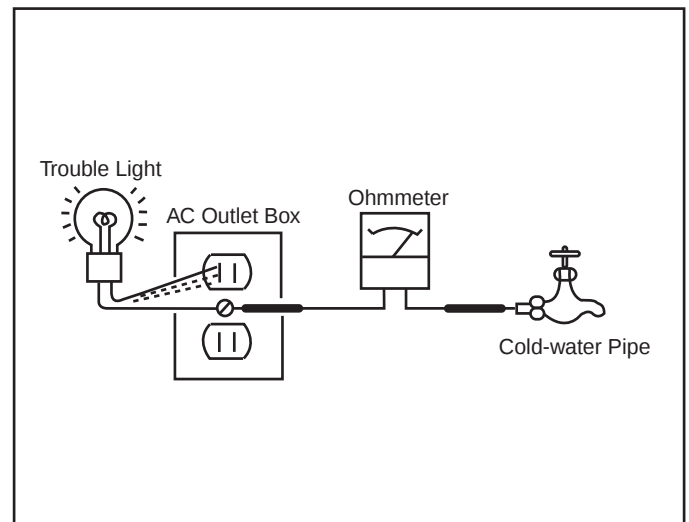


Figure B. Checking for earth ground.

SELF-DIAGNOSTIC FUNCTION



The units in this manual contain a self-diagnostic function. If an error occurs, the POWER/STANDBY will automatically begin to flash. The number of times the LED flashes translates to a probable source of the problem. A definition of the POWER/STANDBY flash indicators is listed in the instruction manual for the user's knowledge and reference. If an error symptom is difficult to reproduce use the Remote Commander to display the record that is stored at the internal NVM to specify the cause of the failure.

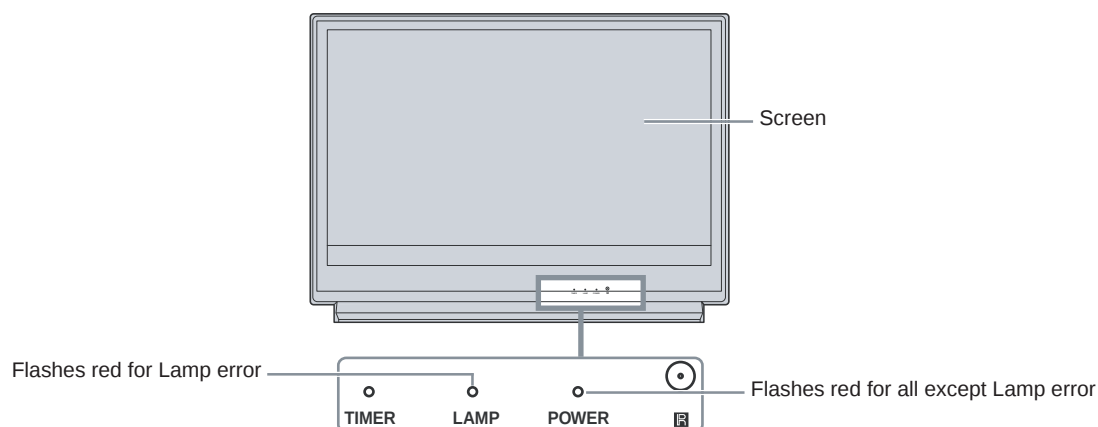
Diagnostic Test Indicators

When an error occurs, the POWER/STANDBY will flash a set number of times to indicate the possible cause of the problem. If there is more than one error, the POWER/STANDBY will identify the first of the problem areas. If the errors occur simultaneously, the one that corresponds to the fewest flashes is identified first.

Results for all of the following diagnostic items are displayed on screen. (No error has occurred if the screen displays a "0".)

Number of times LED indicator flashes	Diagnosis Item	Probable Cause
1	Lamp Error	Lamp not seated properly (Note: The lamp LED will flash red when this error occurs, not the Power LED)
2	OVP	10.5V is high on B Board
3	LowB Error	10.5V is low on B Board
4	Not Used in this model	
5	HV Detect	Ballast is not working
6	Lamp Cover/ Lamp Position	The Lamp cover is not closed securely.
7	Temp Error	High Temperature or sensor connection
8	Audio Error	DC error on U Board
9	Fan Error	Fan is not working properly

DISPLAY OF POWER/STANDBY OR LAMP LED FLASH COUNT



- 4 Flash is not used for self-diagnosis

- Example

Diagnosis Number of times LED Flashes

LowB Error

3 times

Lamp Cover

6 times

LED ON : 0.3sec

LED OFF : 0.3sec

LED OFF

3.0sec

LED OFF

3.0sec

RELEASING THE POWER/STANDBY LED FLASH

Unplug the power cord from the outlet to temporarily stop the POWER/STANDBY lamp from flashing.

Self-Diagnostic Screen Display

For failures that are difficult to reproduce, or accompany occasional power off and/or picture mute, the Self-Diagnostic screen display is useful to specify the cause.

VIEWING THE SELF-DIAGNOSTIC SCREEN

1. TV must be in standby mode. (Power off).
2. Press the following buttons on the Remote Commander within a second of each other:

DISPLAY → **Channel 5** → **Volume** → **POWER**

NOTE: This differs from the method of accessing service mode which is Volume **+**

Sample Self-Diagnostic Screen Display

SELF CHECK		
1 :	LAMP_ERR	0
2 :	OVP	0
3 :	LowB-ERROR	0
5 :	HV DETECT	0
6 :	LAMP_COVER	1
7 :	TEMP-ERROR	0
8 :	AUDIO-ERROR	0
9 :	FAN-ERROR	0
Name: KDF-37H1000		
Serial: XXXXXXXXXX		

"1" is displayed when an error is detected one or more times

"0" is displayed when no error has been detected

NOTE: To refresh the Self Check menu when all the items are not displayed, press **JUMP** on the Remote Commander.

3. Proceed to Viewing the Self-Diagnostic Errors.

CLEARING THE SELF-DIAGNOSTIC SCREEN

The self-diagnostic results displayed on the screen are not cleared automatically, therefore you should always check the self-diagnostic screen during repairs. When you have completed the repairs, clear the self-diagnostic screen to reset the results to "0".

Note: The self-diagnostic function will not be able to detect any subsequent faults after completion of the repairs unless the Self-Diagnostic result display is cleared to reset the results to "0".

1. If the Self-Diagnostic screen is already displayed, proceed to step 3. If not, Power off (Set to Standby mode).
2. Press **DISPLAY** → **Channel 5** → **Volume** → **POWER**
3. Press **Channel 8** → **0**

The status resets to 0.

4. To exit the Self-Diagnostic screen, turn the power off.

SECTION 1: DISASSEMBLY

1-1. OVERVIEW

TOOLS NEEDED

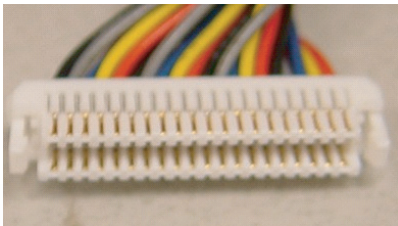
Long Phillips Screwdriver

Needle Nose Pliers

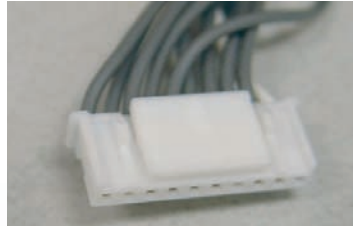
Small Flathead Screwdriver or Jewelers Screwdriver

The connectors in this chassis have been redesigned to ensure they are securely fasten to the boards. Please review the illustrations below.

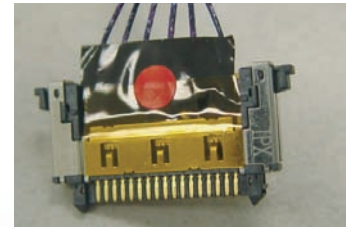
Use caution not to rock the Type 2 or Type 3 connectors when removing or reinstalling to avoid breaking the solder leads off the Printed Circuit Boards.



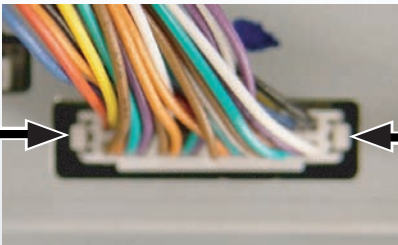
TYPE 1



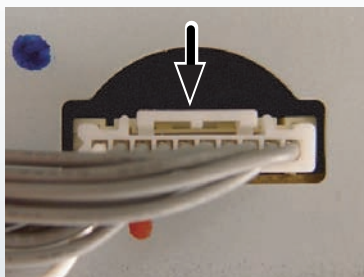
TYPE 2



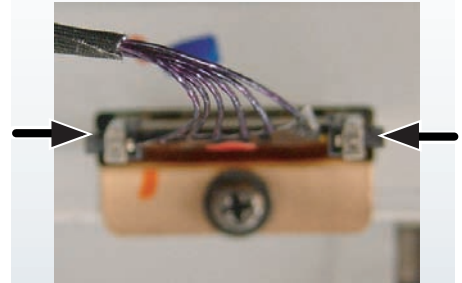
TYPE 3



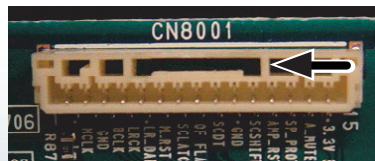
LIFT ONE SIDE AT A TIME
BY PUSHING TAB IN WITH
SMALL SCREWDRIVER



SQUEEZE DOWN ON
TAB TO RELEASE



SQUEEZE LOCKING TAB
TOWARDS CONNECTOR
BEFORE PULLING FREE

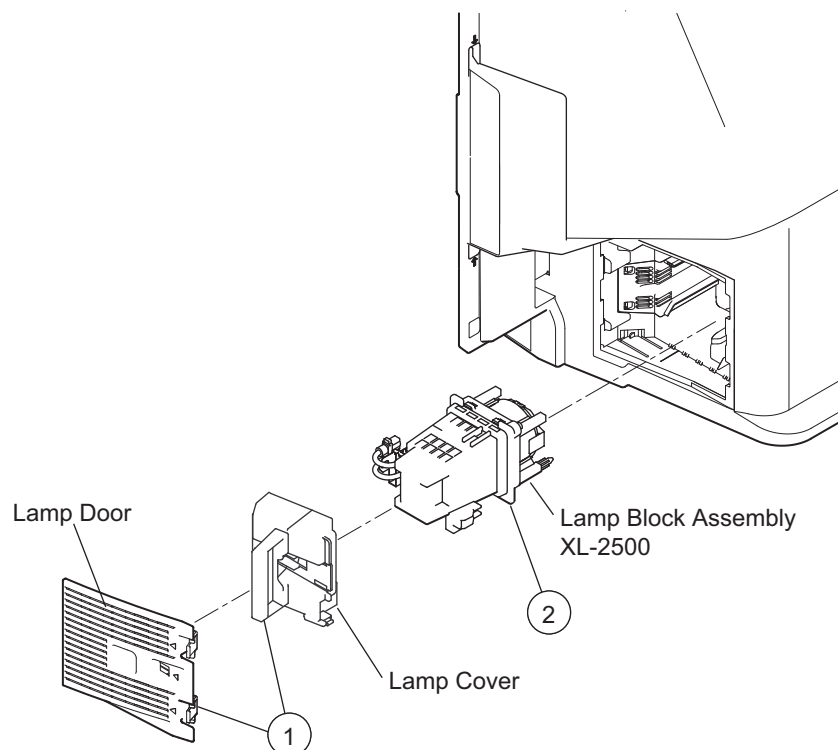


**CAUTION! IF THE TYPE 2 FEMALE
CONNECTOR HAS A SLOT (AS SHOWN)
MAKE SURE THE LOCK TAB SEATS INSIDE
THIS SLOT.**

1-2. LAMP REMOVAL

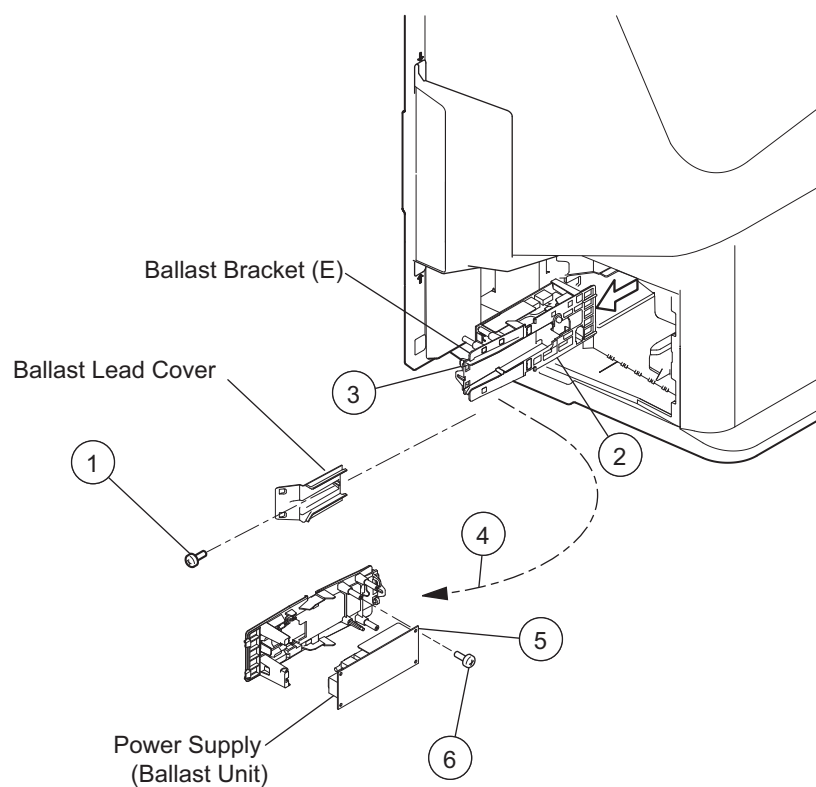
For detailed instructions, refer to "Replacing the Lamp" in the Appendix section of this manual

- ① Remove the Lamp Door and the Lamp Cover.
- ② Disconnect the Lamp Block Assembly by pulling it out of the Power Supply.



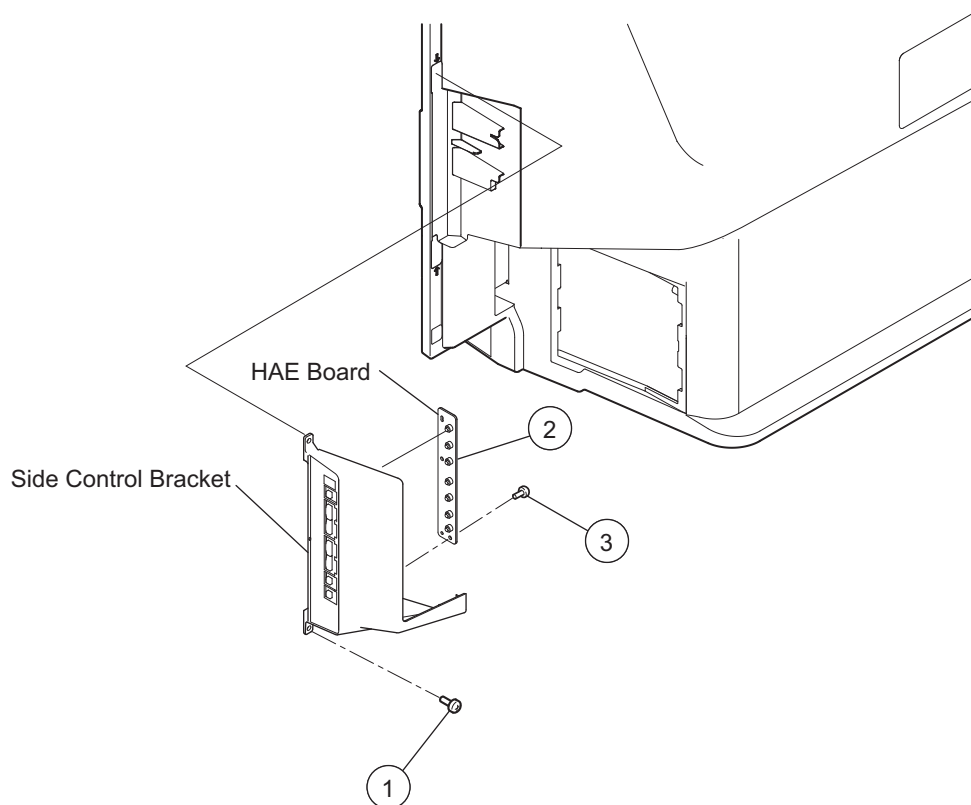
1-3. POWER SUPPLY (BALLAST UNIT) REMOVAL

- ① Remove 1 screw (+BVTP2 4x16) from the Power Supply (Ballast Unit Lead Cover)
- ② Slide out the Ballast Bracket.
- ③ Release the connector wire from the Bracket
- ④ Rotate the Bracket.
- ⑤ Disconnect 2 connectors
- ⑥ Remove 1 screw (+BVTP 3x12 TYPE2 IT-3) from the Power Supply (Ballast Unit)



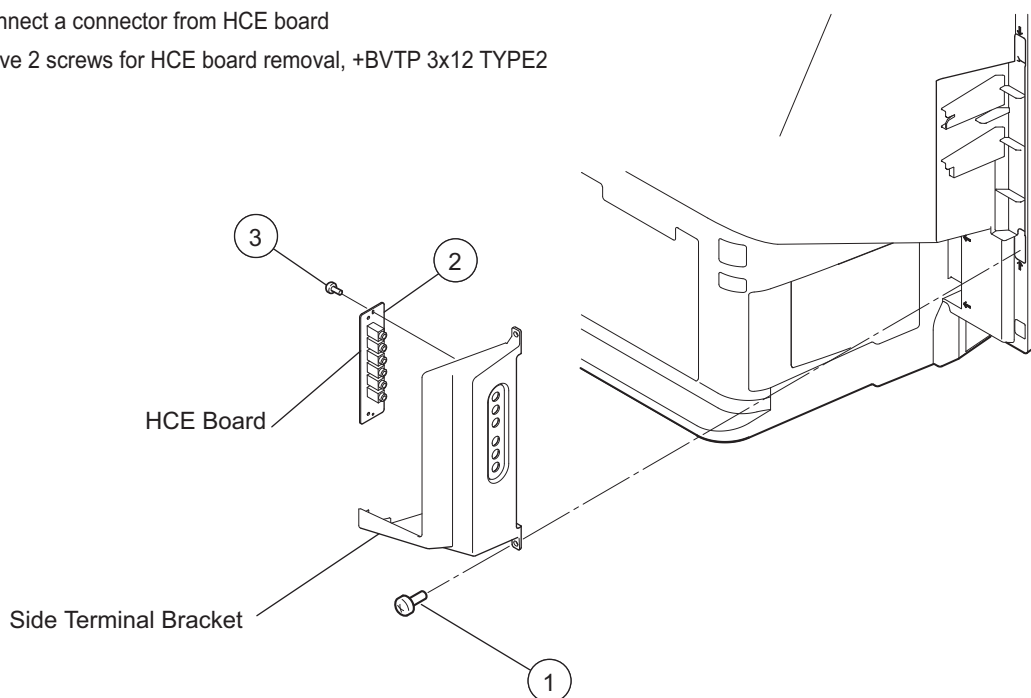
1-4. HAE BOARD REMOVAL

- ① Remove 2 screws for 46" model, 3 screws for 50" model, +BVTP2 4x16
- ② Disconnect a connector from HAE board
- ③ Remove 2 screws for HAE board removal, +BVTP 3x12 TYPE2



1-5. HCE BOARD REMOVAL

- ① Remove 2 screws for 46" model, 3 screws for 50" model, +BVTP2 4x16
- ② Disconnect a connector from HCE board
- ③ Remove 2 screws for HCE board removal, +BVTP 3x12 TYPE2



1-6. ORNAMENTAL COVER, SCREEN FRAME, AND LIGHT GUIDE REMOVAL

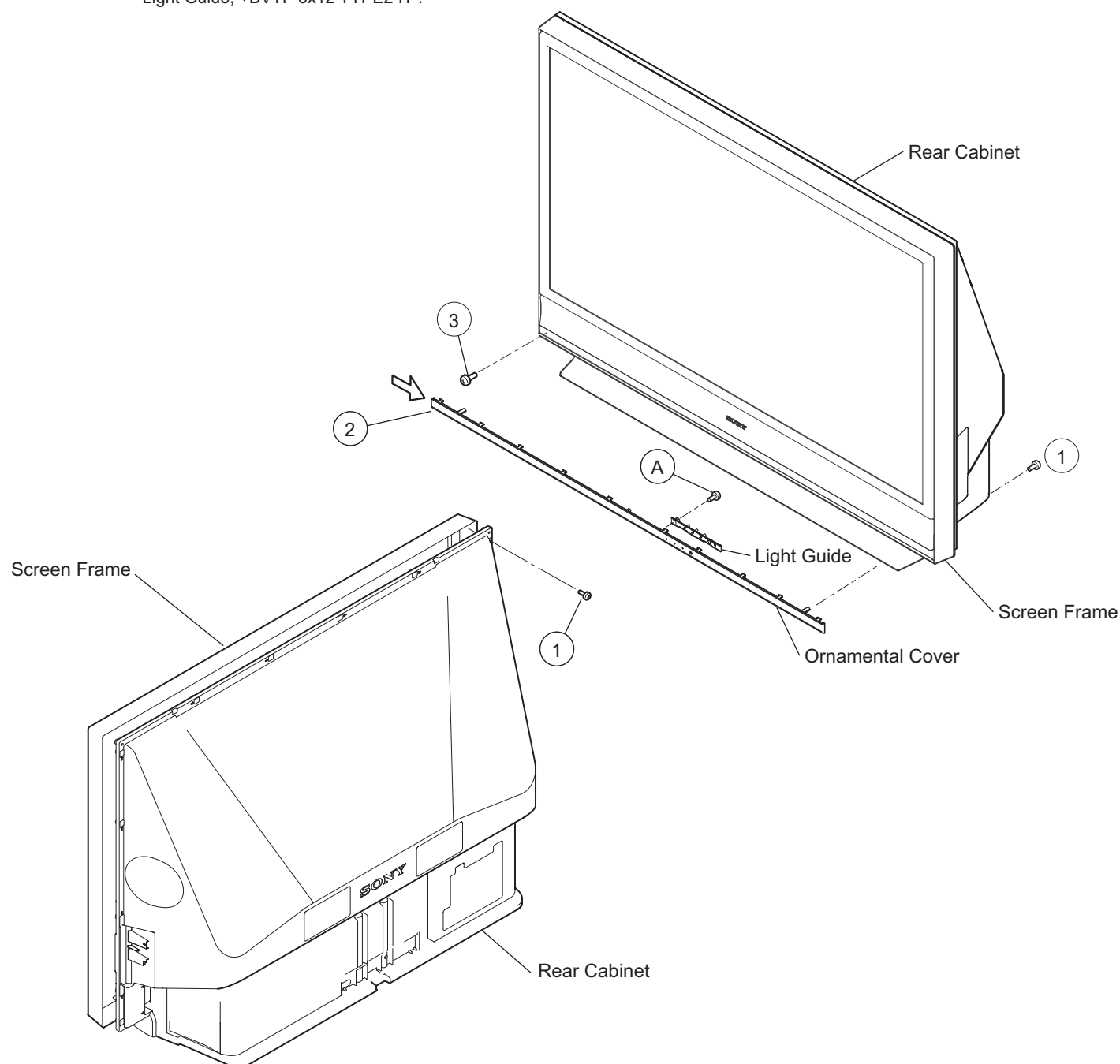
All of the components of this model can be reached by removing the Screen Frame Assembly from the Rear Cover.

Remove the Side Control Bracket and the Side Terminal Bracket before proceeding. (See 1-4. HAE Board Removal and 1-5. HCE Board Removal.

Caution:

When removing the Rear Cover or the Screen Frame Assembly, be sure to clean the mirror and Diffusion Plate(s) to remove any dust particles.

- ① Remove 20 screws from the Rear Cabinet to release the Screen Frame, +BVTP2 4x16
- ② Slide Ornamental Cover to right and pop off from Screen Frame.
- ③ Remove 3 screws from Screen Frame, +BVTP2 4x16
- Ⓐ The Light Guide is not included with the Ornamental Cover. When replacing the Ornamental Cover remove 1 screw from Light Guide, +BVTP 3x12 TYPE2 IT-.

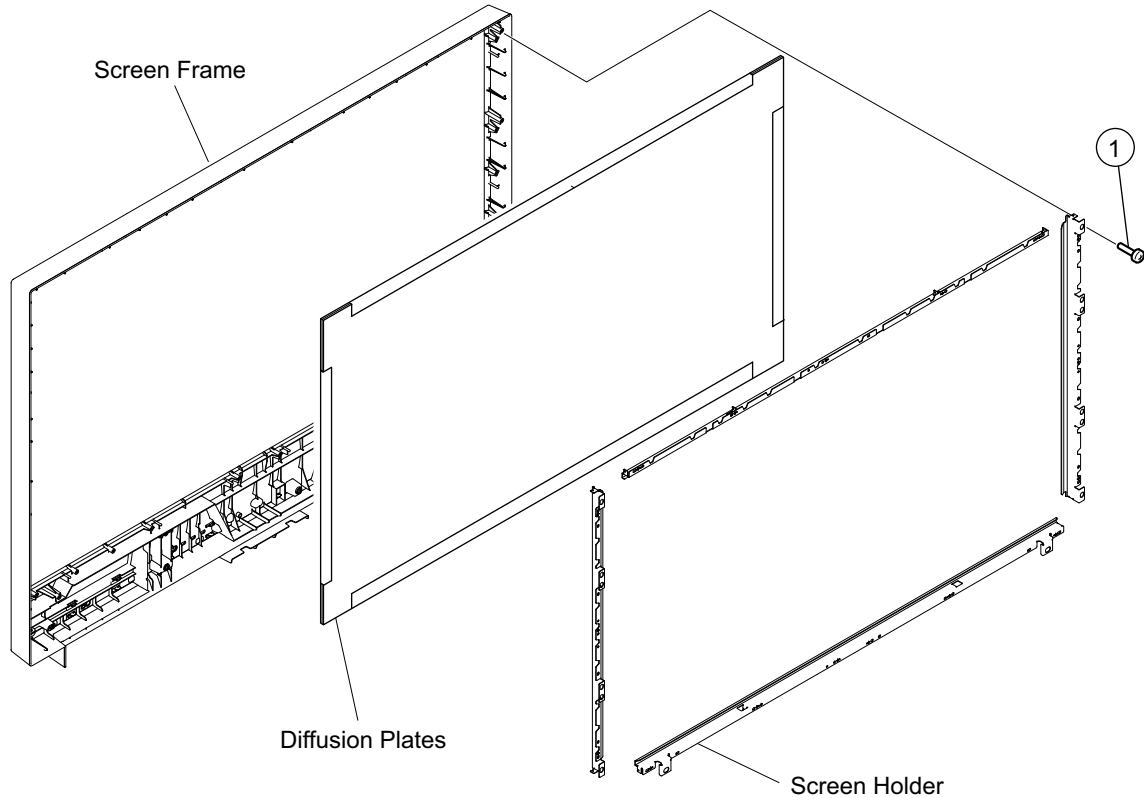


1-7. DIFFUSION PLATES AND SCREEN FRAME REMOVAL

Caution:

When replacing the Diffusion Plates be sure to remove any dust particles.

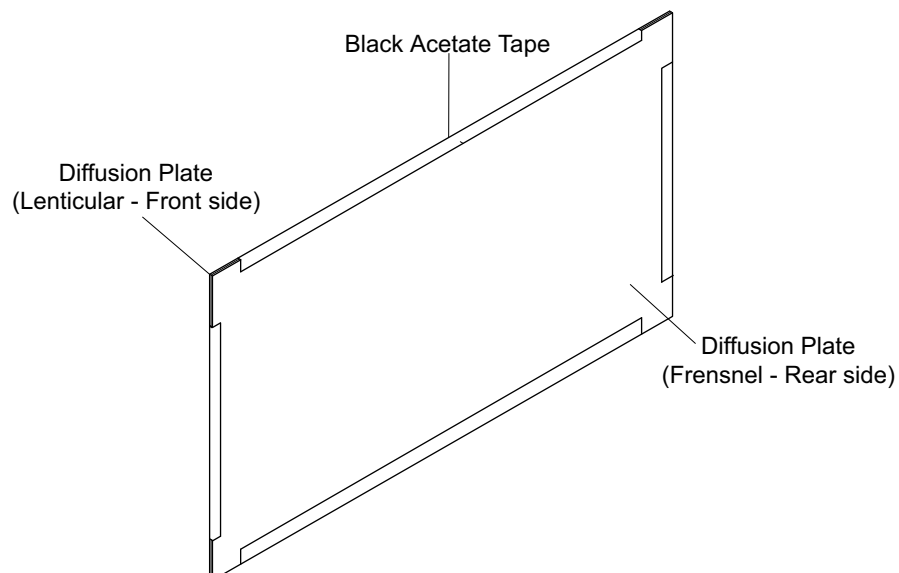
- ① Remove 5 screws(Top Holder), 6 screws(Bottom Holder) and 3 screws from each side holders, total 17 screws, +BVTP2 4x16



1-7-1. DIFFUSION PLATES (SCREENS) TAPE METHOD

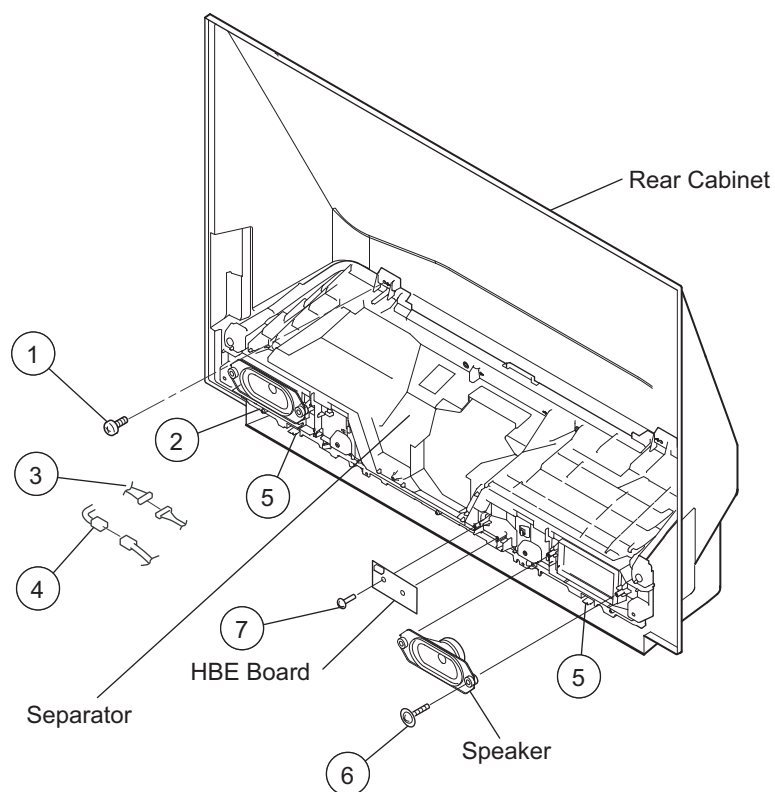
Note:

The following diagram illustrate the taping method when replacing the diffusion Plates.
For Part Numbers refer to the Explode view section of this manual.



1-8. SEPARATOR, SPEAKER, AND HBE BOARD REMOVAL

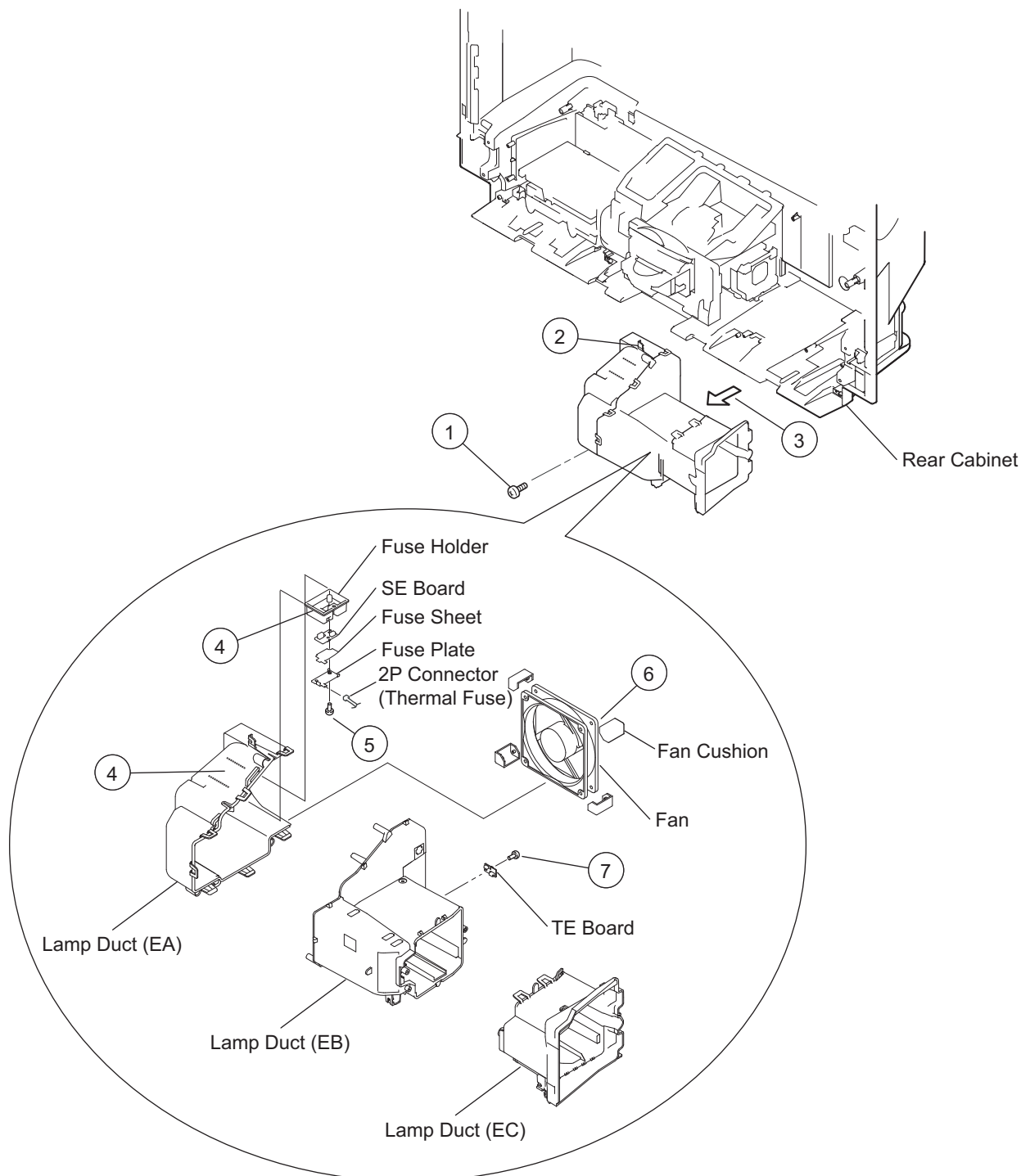
- ① Remove 9 screws from Separator, +BVTP2 4x16
- ② Release connector wires from hook
- ③ Disconnect joint connectors from HB board
- ④ Disconnect joint connectors from Speakers
- ⑤ Lift tabs and slide out Separator unit.
- ⑥ Remove 4 screws from speakers, +BWTP2 4x16
- ⑦ Remove 2 screws for HB board removal, +BVTP 3x12 TYPE2 IT-3



1-9. LAMP DUCT REMOVAL

- ① Remove 3 screws, +BVTP 3x10 TYPE2 IT-3, connecting the Lamp Duct to the Rear Cover (from the bottom of the Lamp Duct)
- ② Disconnect 4 connector joints (not shown)
- ③ Remove Duct unit from rear cabinet.
- ④ Slide out Fuse unit from Lamp Duct, locating it inside of the duct.
- ⑤ Remove one screw, +BVTP 3x12 TYPE2 IT-3
- ⑥ Remove fan from Lamp Duct and take Fan cushions off from fan
- ⑦ Remove one screw, +BVTP 3x12 TYPE2 IT-3

Note: To remove each duct, lift tabs gently and release from hooks.



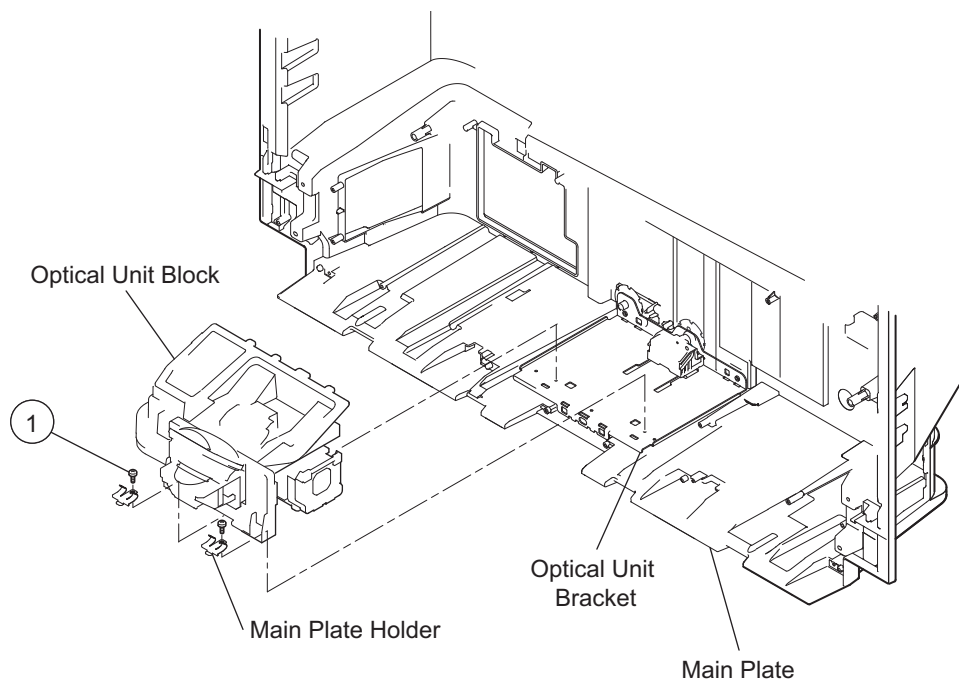
1-10. OPTICAL UNIT BLOCK REMOVAL

Caution:

When replacing the Optics Unit Block Assembly be sure to remove any dust particles.

- ① Remove 2 screws, +PSW M4x12

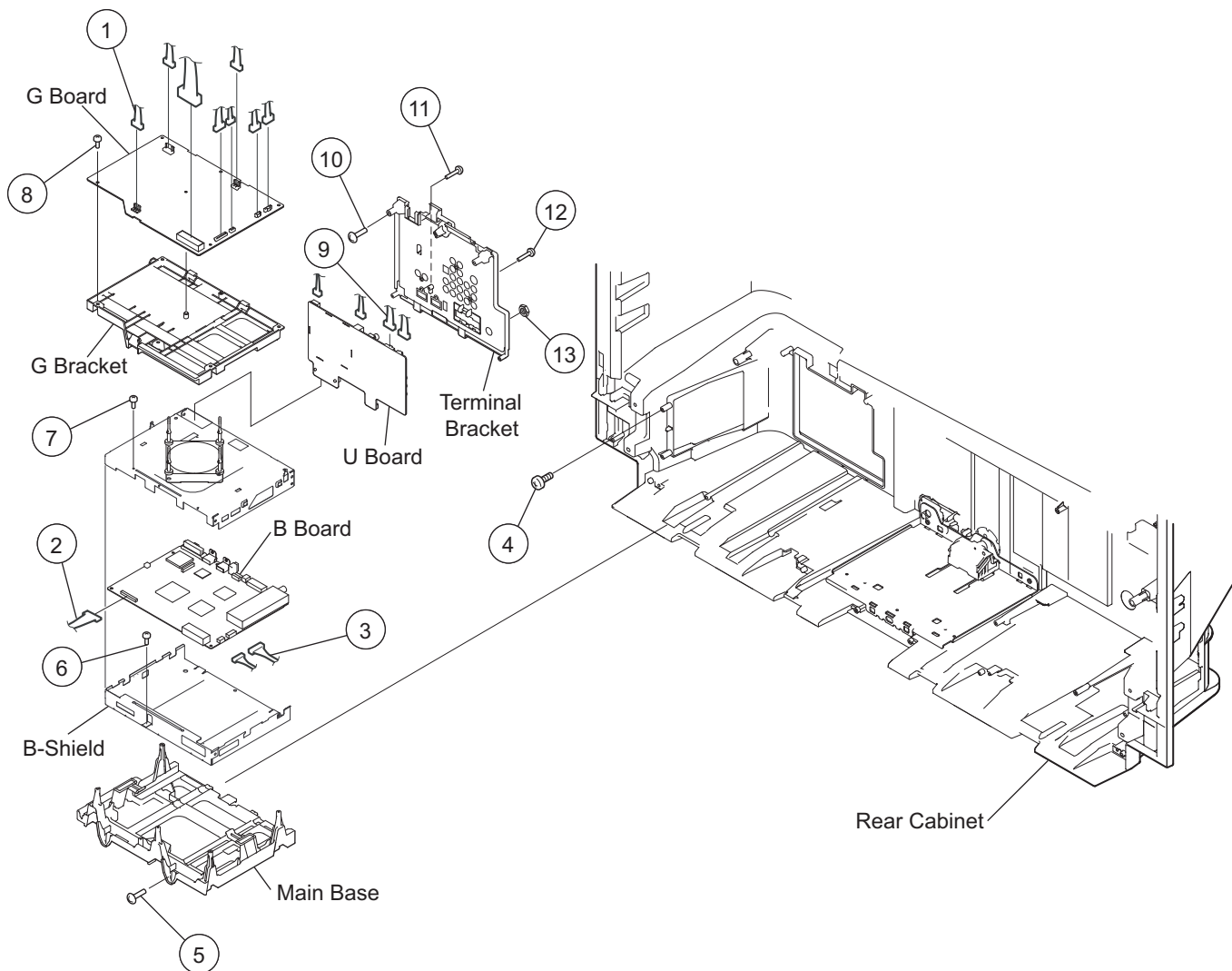
Note: The connectors are not included with the optical block assembly.



1-11. CHASSIS REMOVAL

Caution: When replacing any part of the chassis be sure to remove any dust particles and clean the mirror.

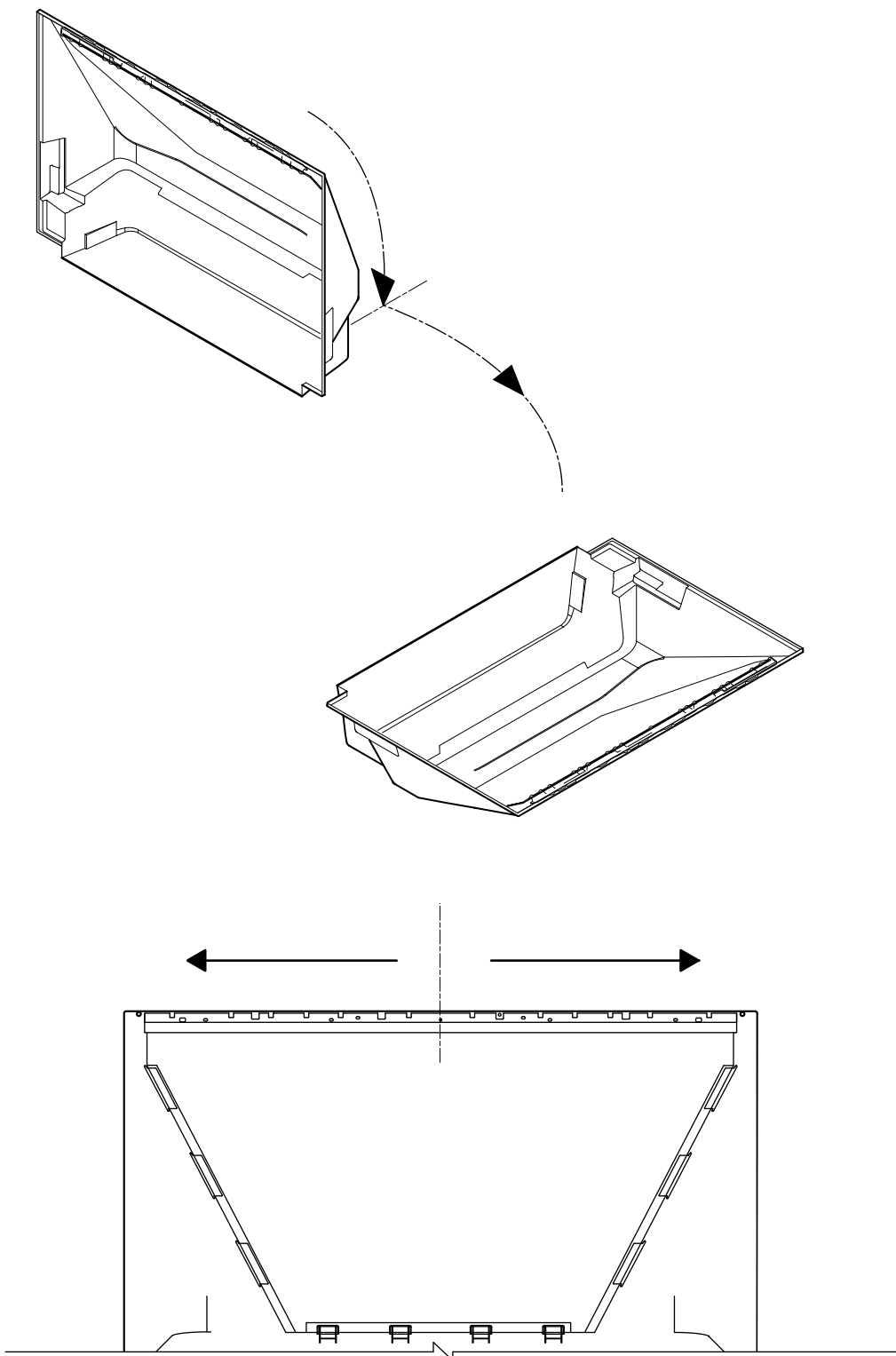
- ① Disconnect 9 connectors from G board
- ② Disconnect a lead wire connector from B board
- ③ Disconnect 2 connectors from B board
- ④ Remove 1 screw, +BVTP 3x12 TYPE2 IT-3, from Fan Bracket
- ⑤ Remove 2 screws, +BVTP2 4x16
- ⑥ Remove one screw, +BVTP 3x12 TYPE2 IT-3
- ⑦ Remove 3 screws, +PSW M3X8
- ⑧ Remove 6 screws, +BVTP 3x12 TYPE2 IT-3
- ⑨ Disconnect 4 connectors from U board
- ⑩ Remove 2 screws, SPECIAL (+PW 4X30)
- ⑪ Remove 2 screws, +PSW M3X8
- ⑫ Remove 2 screws, +BVTP 3x12 TYPE2 IT-3
- ⑬ Remove 1 nut from tuner



1-12. MIRROR REPLACEMENT

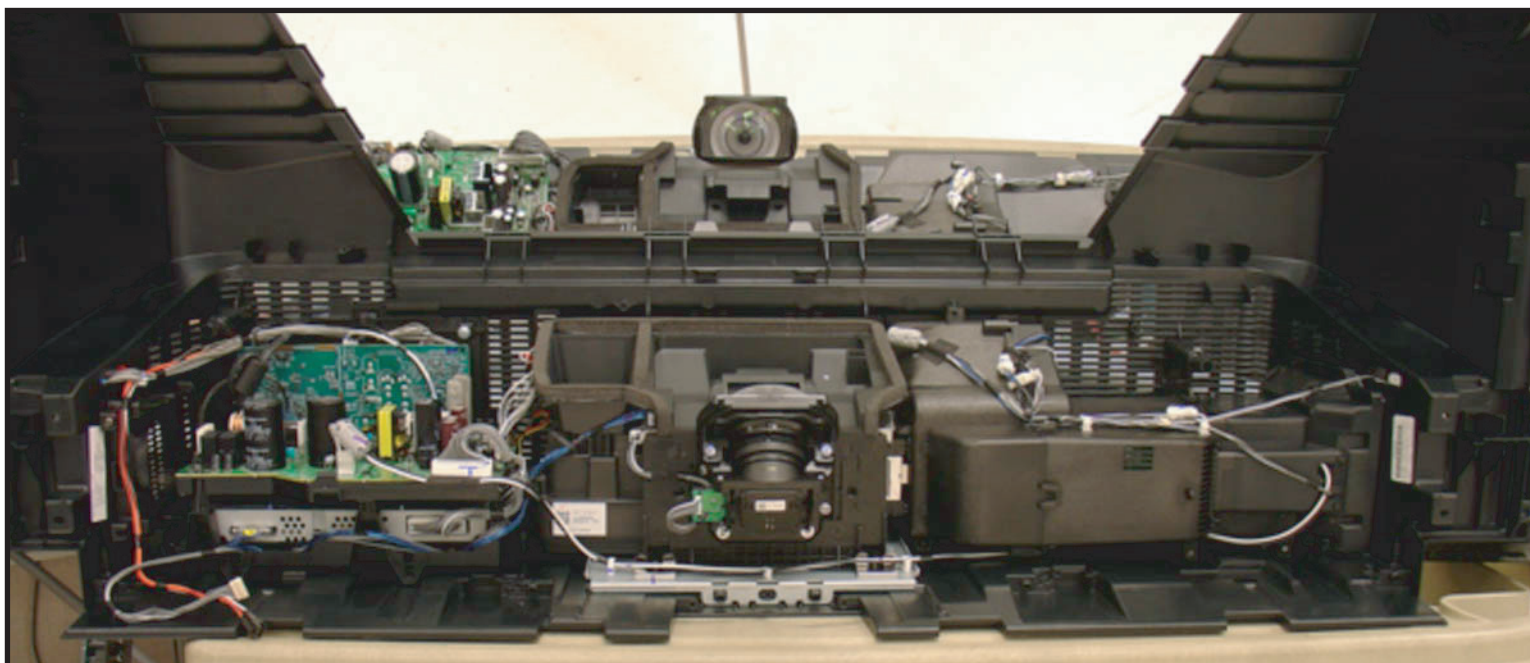
CAUTION

- ① Replace mirror by laying flat and face-up position.
- ② Holder screws should be tighten from center to outer screw positions.

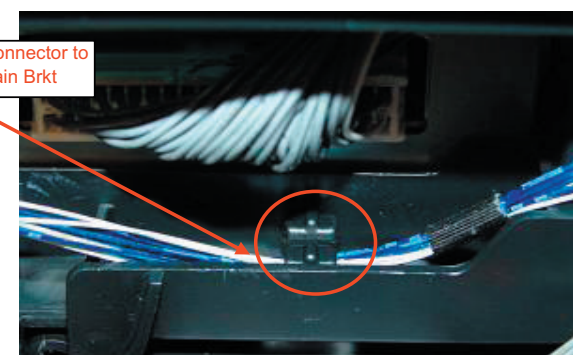
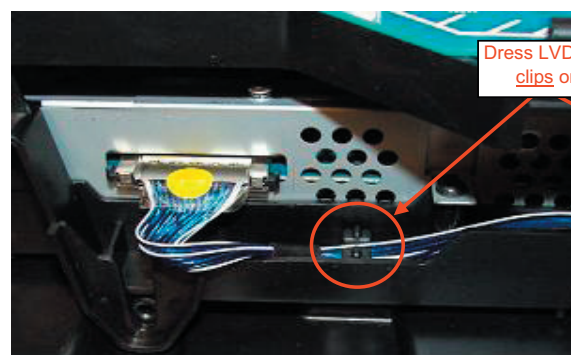
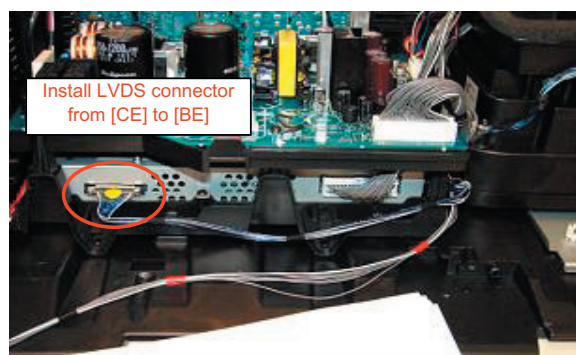
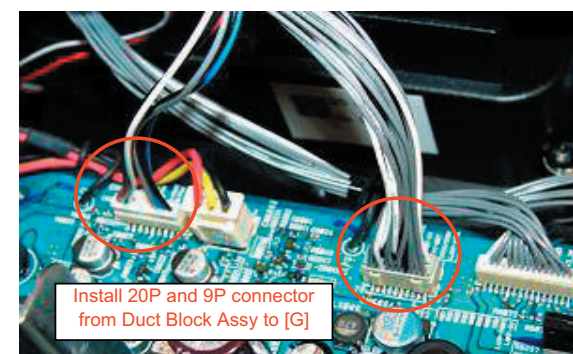
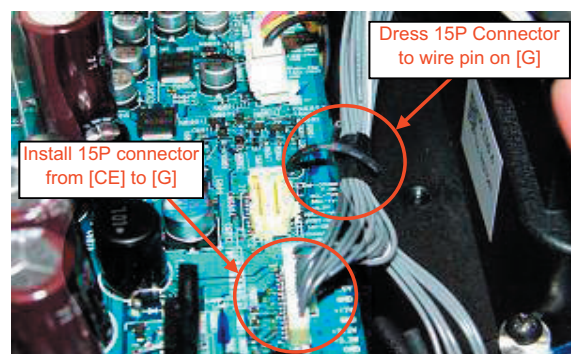
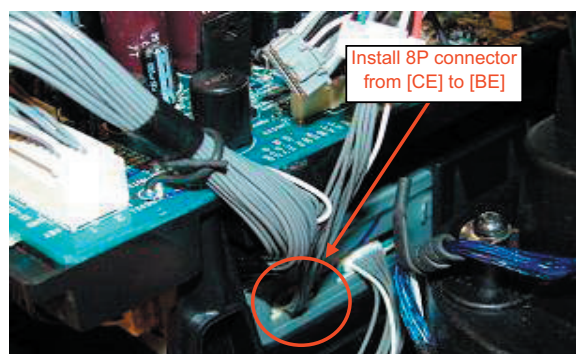
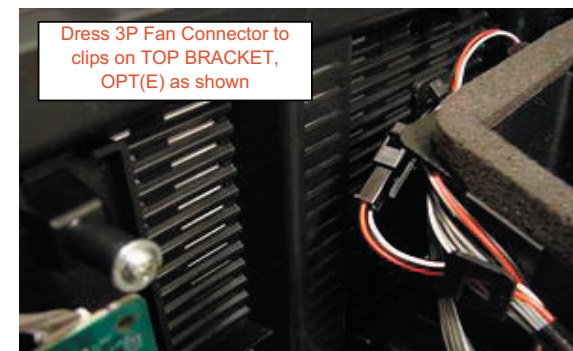
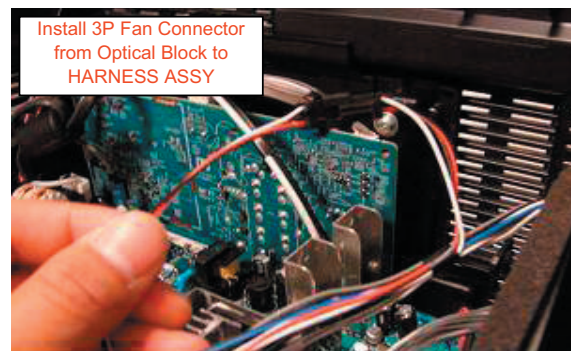
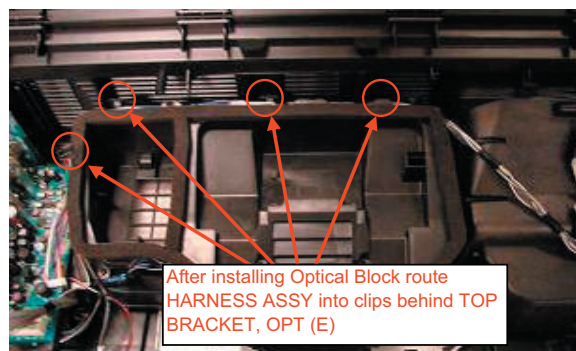


WIRE DRESSING

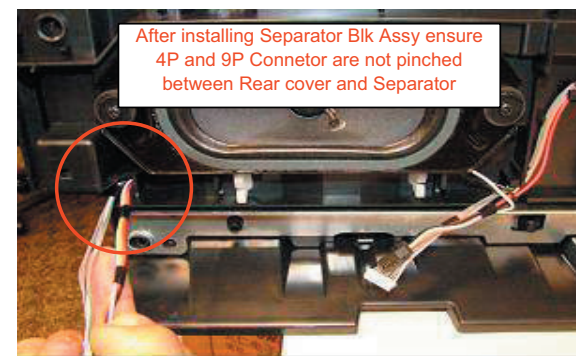
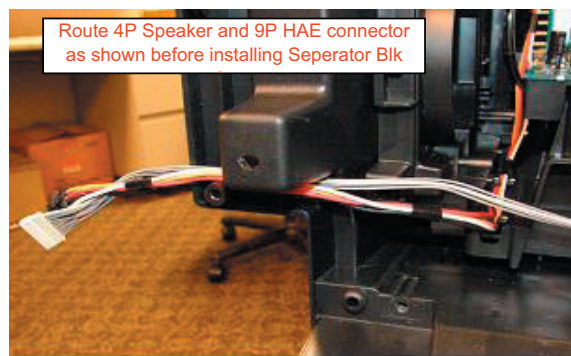
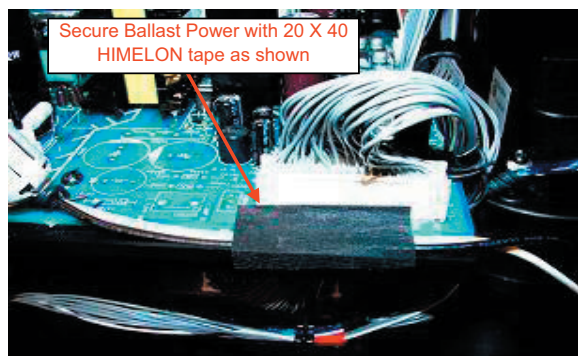
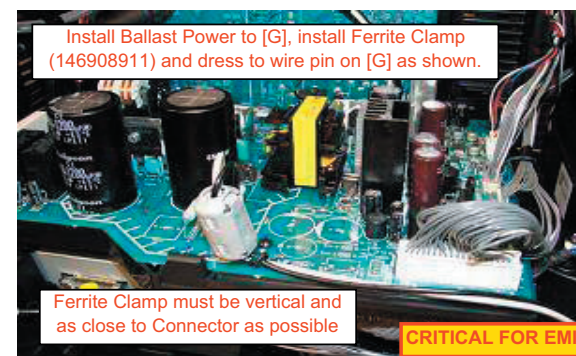
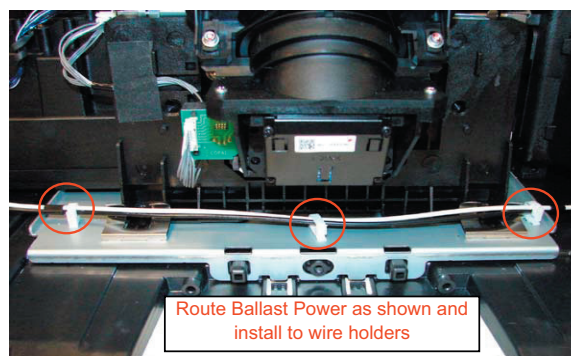
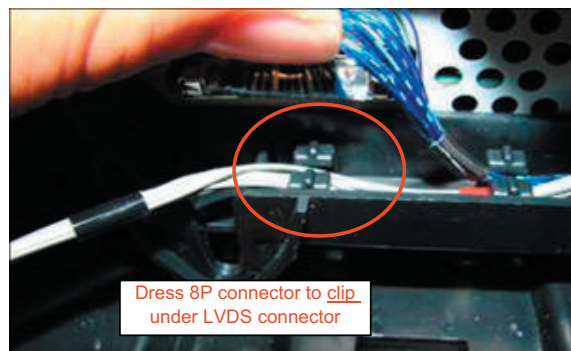
COMPLETE INTERNAL WIRE DRESSING



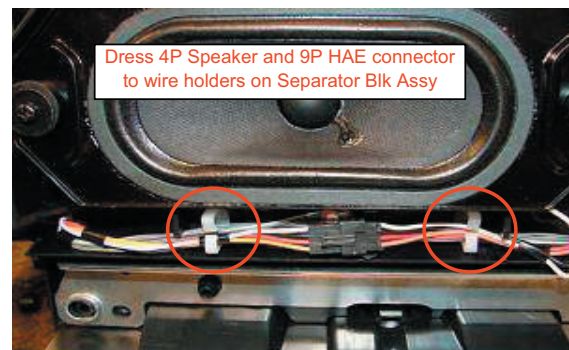
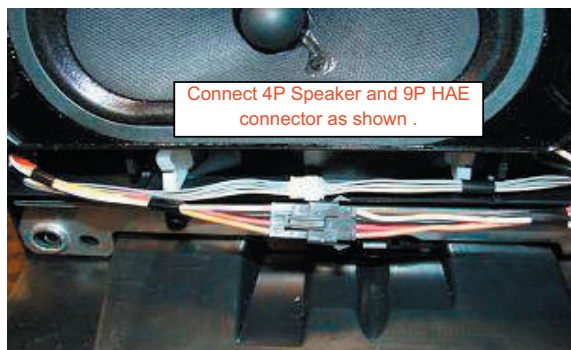
OVERALL ASSEMBLY



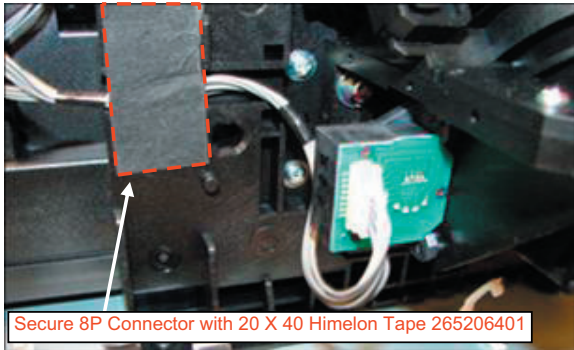
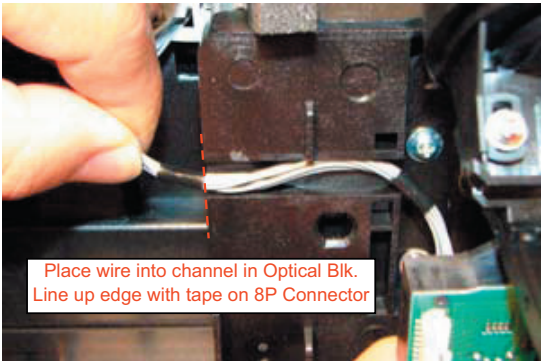
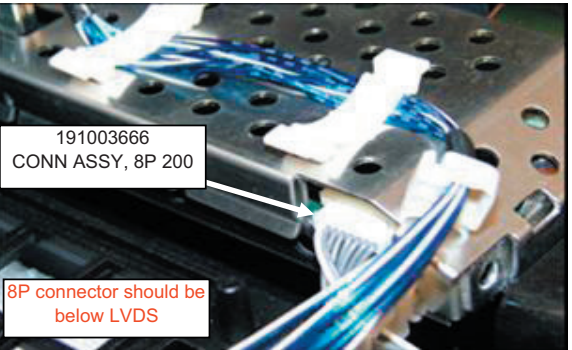
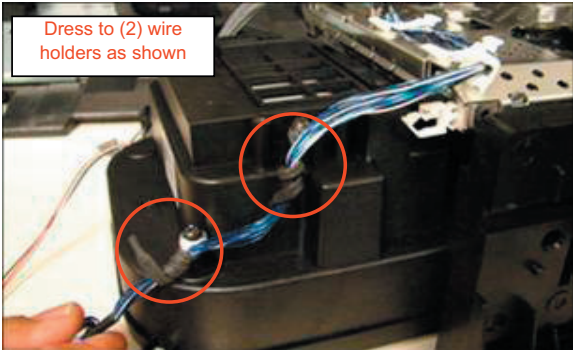
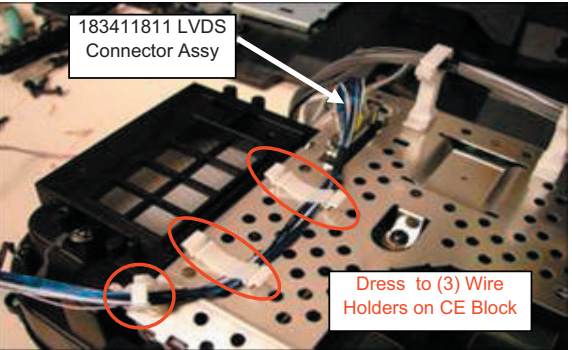
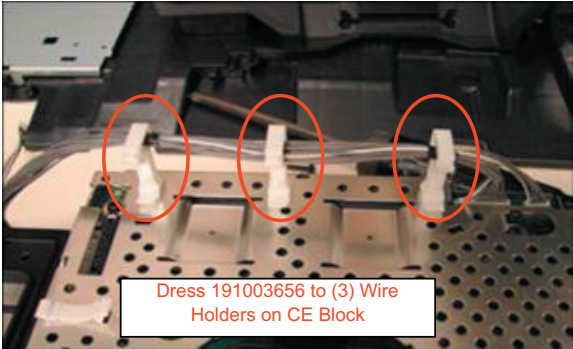
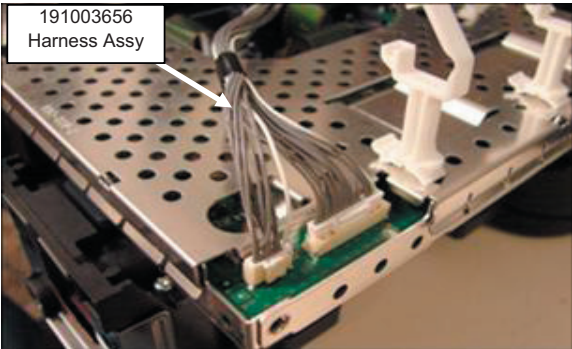
OVERALL ASSEMBLY (CONTINUED)



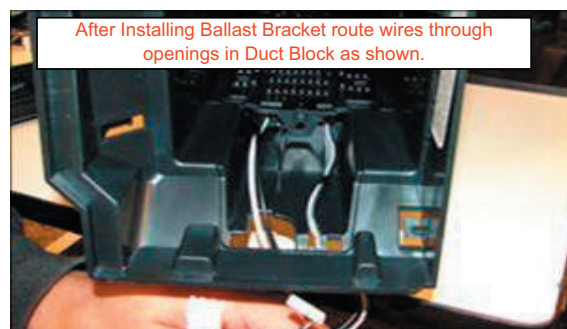
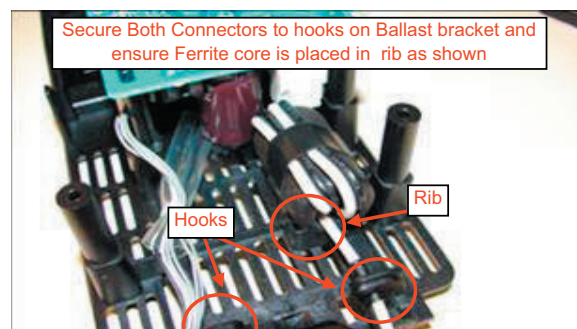
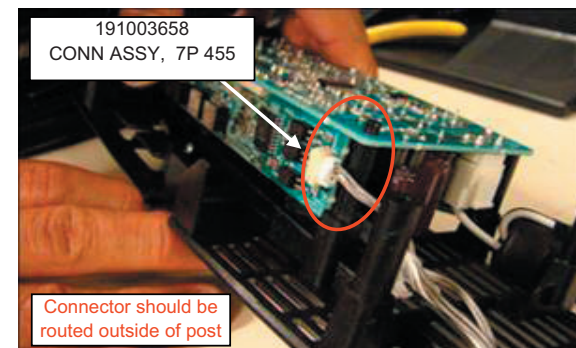
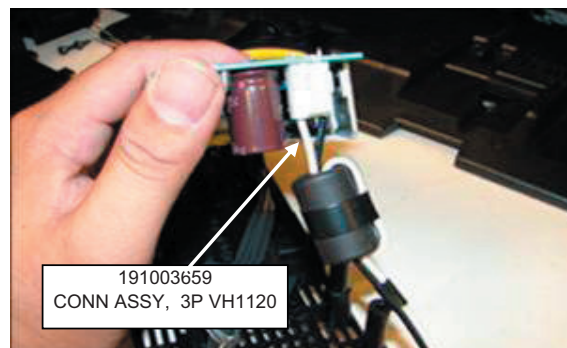
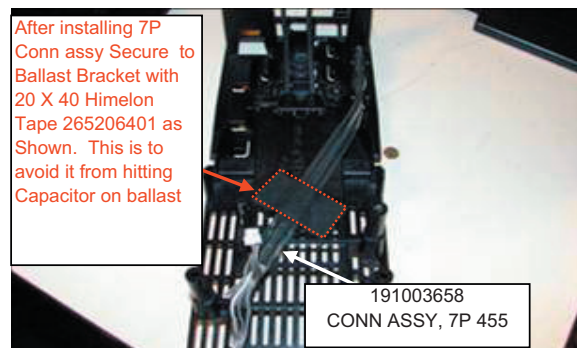
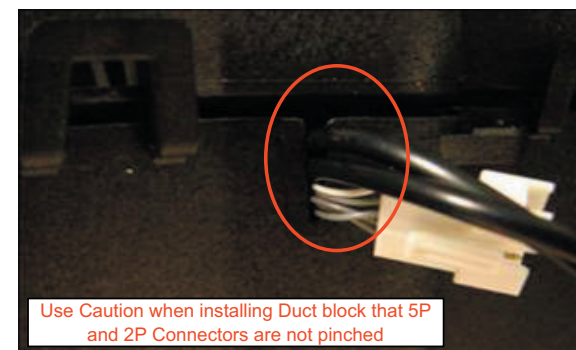
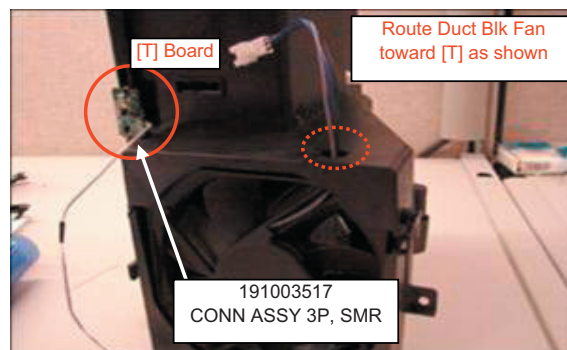
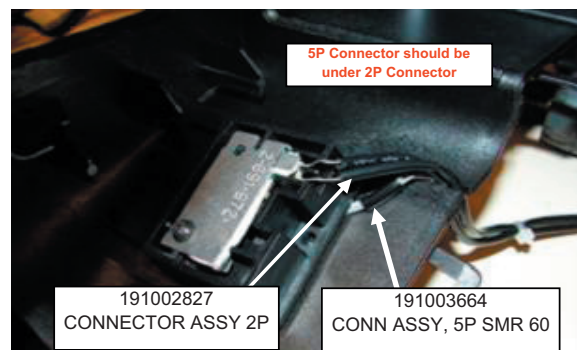
SPEAKER ASSEMBLY



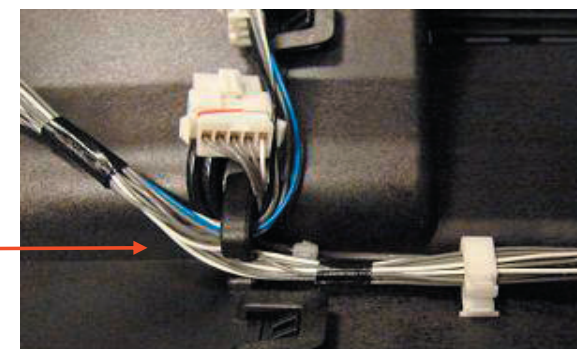
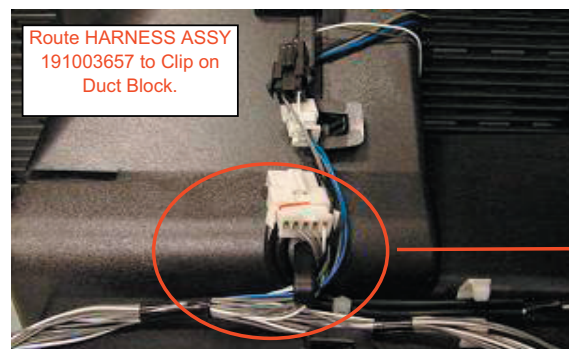
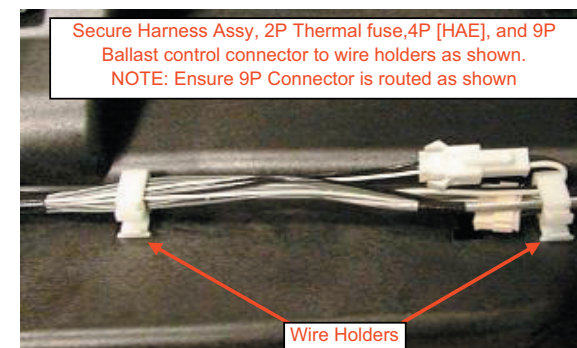
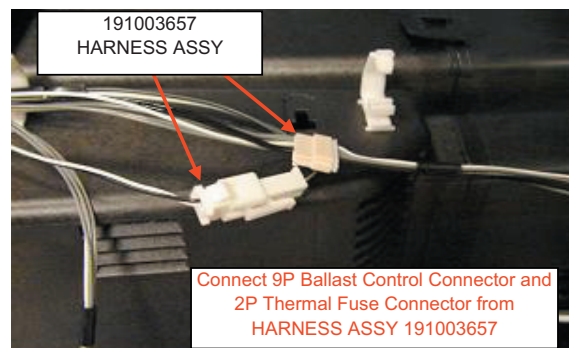
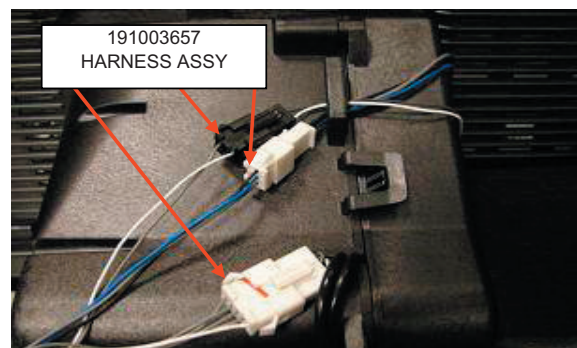
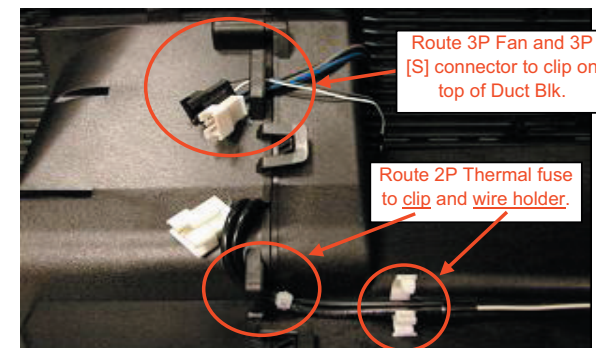
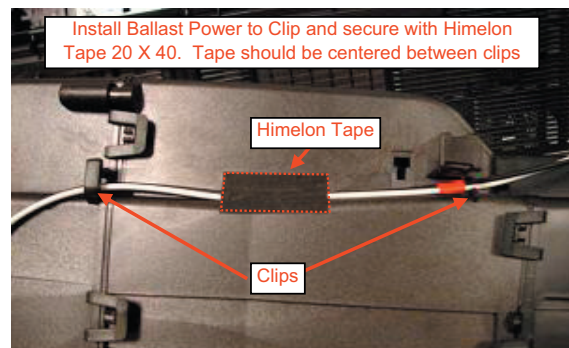
OPTICAL BLOCK ASSEMBLY



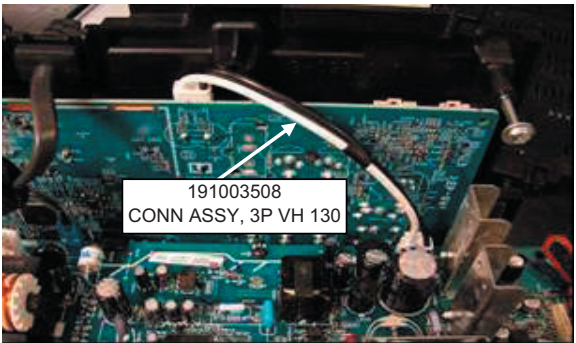
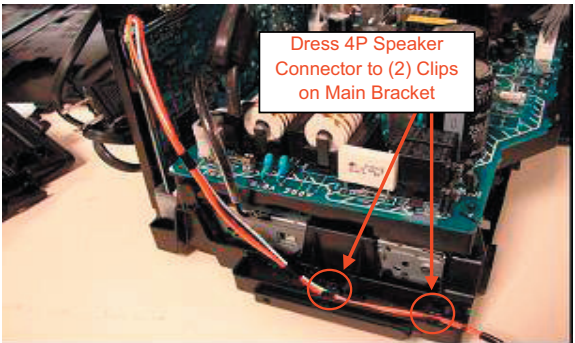
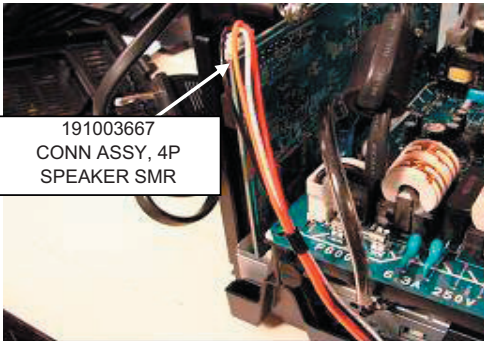
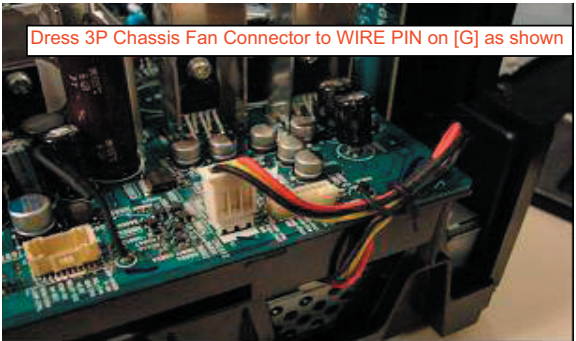
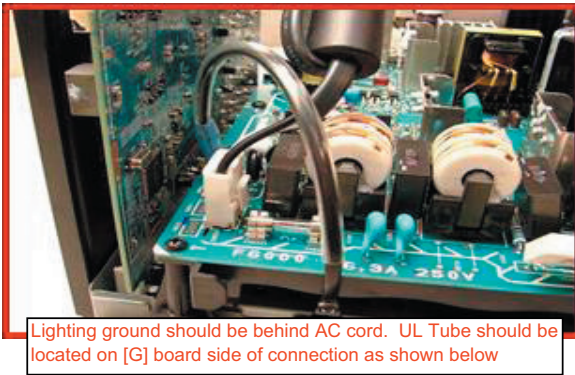
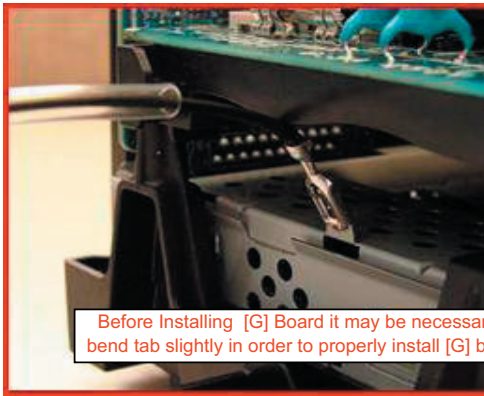
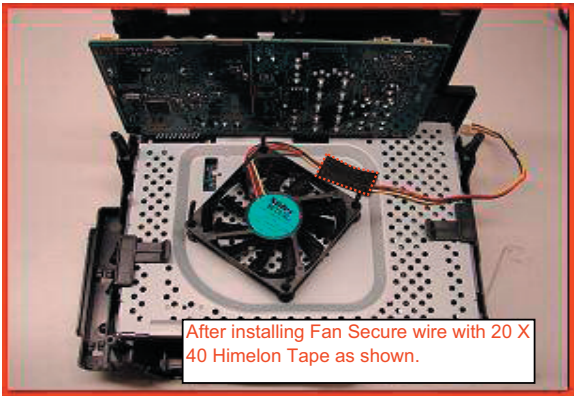
DUCT BLOCK ASSEMBLY



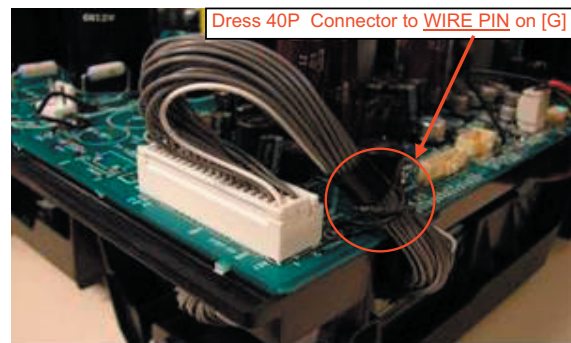
DUCT BLOCK ASSEMBLY (CONTINUED)



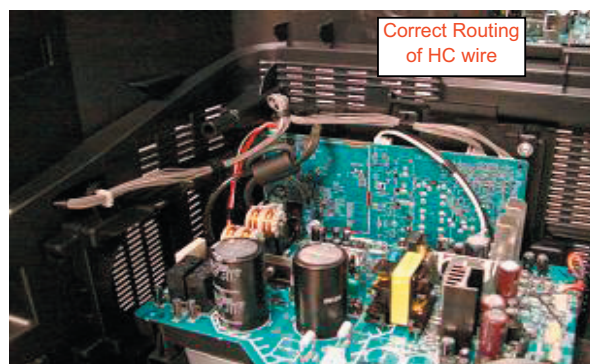
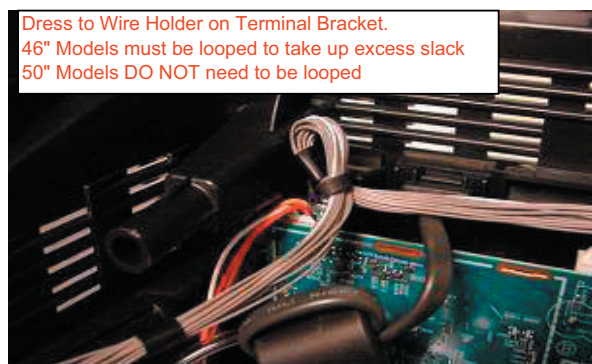
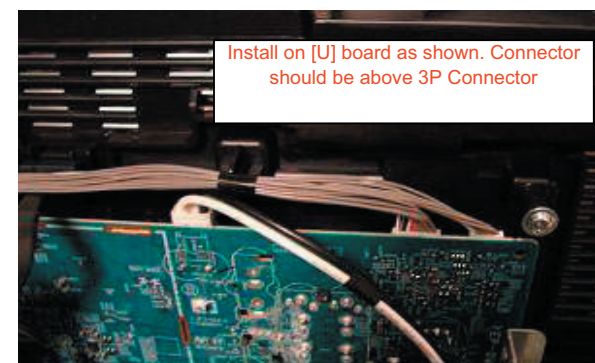
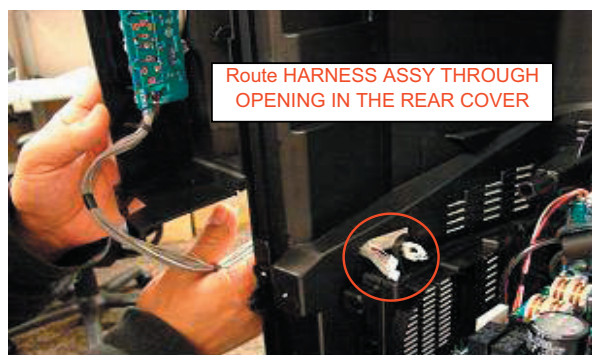
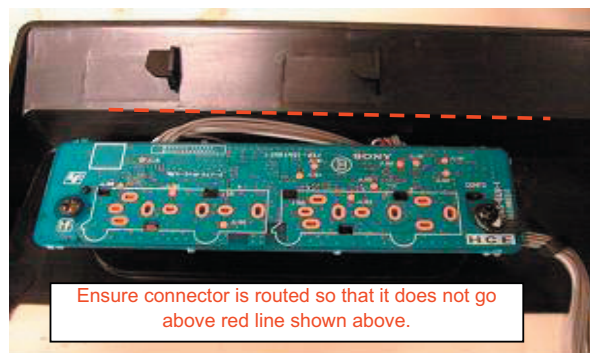
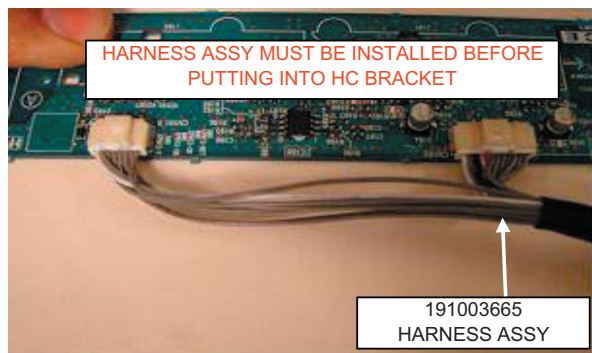
CHASSIS ASSEMBLY



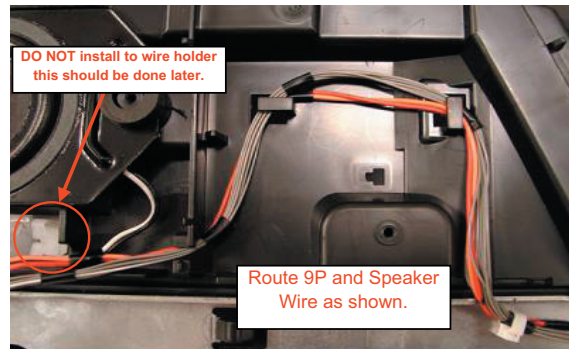
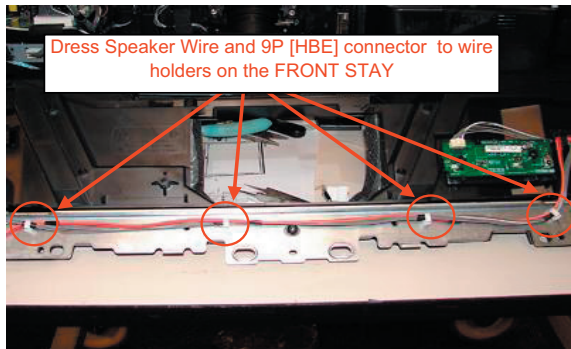
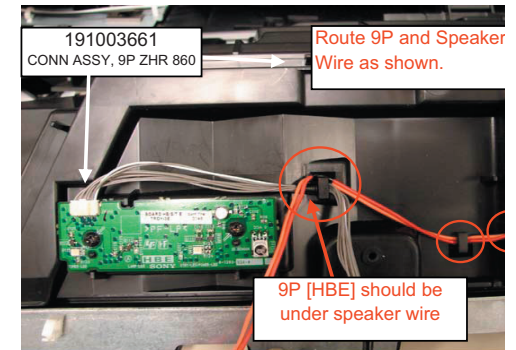
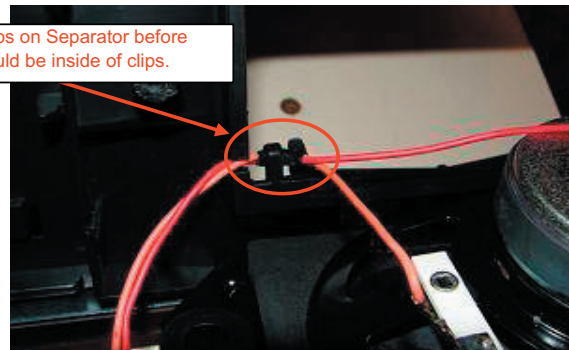
CHASSIS ASSEMBLY (CONTINUED)



HCE BLOCK ASSEMBLY



SEPARATOR BLOCK ASSEMBLY



SECTION 2: CIRCUIT ADJUSTMENTS

2-1. USING THE REMOTE COMMANDER FOR ELECTRICAL ADJUSTMENTS

To adjust various set features, use the Remote Commander to put the set into service mode to display the service menus and categories.

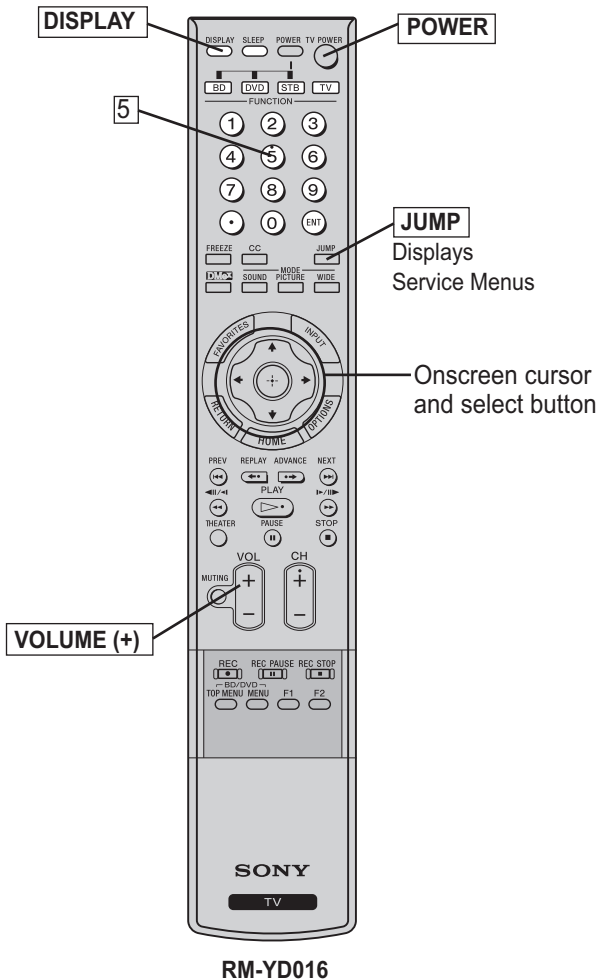
Equipment Needed:

- ✓ Pattern Generator (with component outputs)
- ✓ Oscilloscope
- ✓ Digital multimeter

2-2. ACCESSING SERVICE ADJUSTMENT MODE

- TV must be in standby mode. (Power off).
- Press the following buttons on the Remote Commander within a second of each other:

DISPLAY → Channel **5** → Volume **+** → **POWER**.

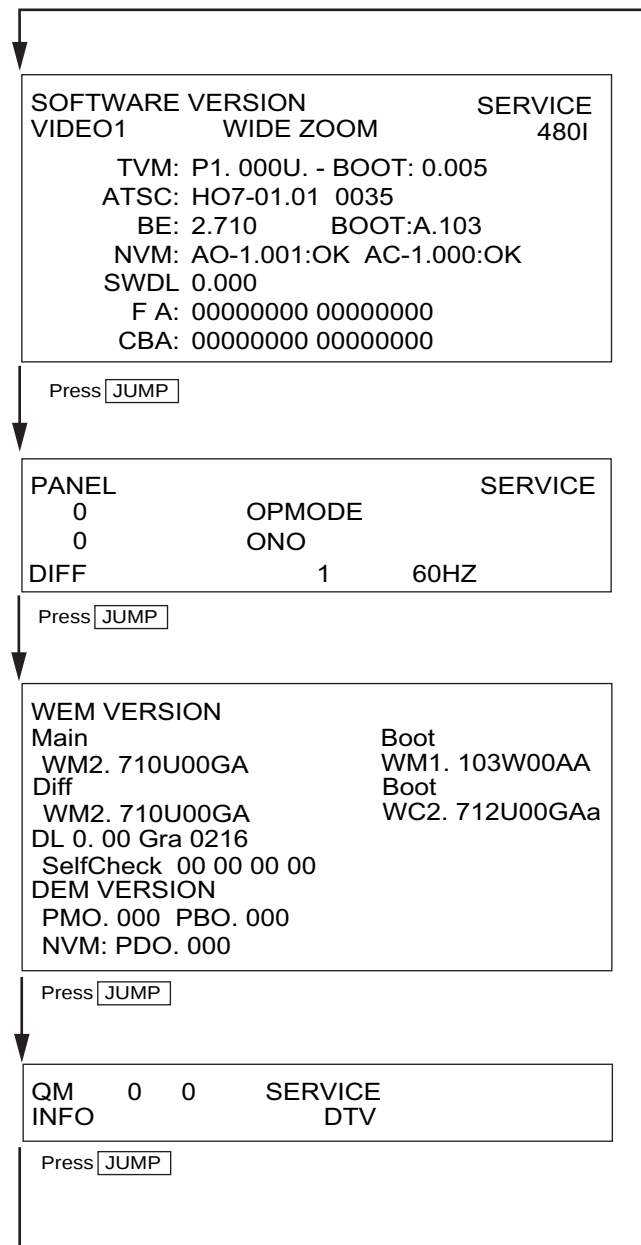


The first service menu (TV) displays.

2-3. VIEWING THE SERVICE MENUS

Use the Remote Commander to view the BE and Digital service menus options.

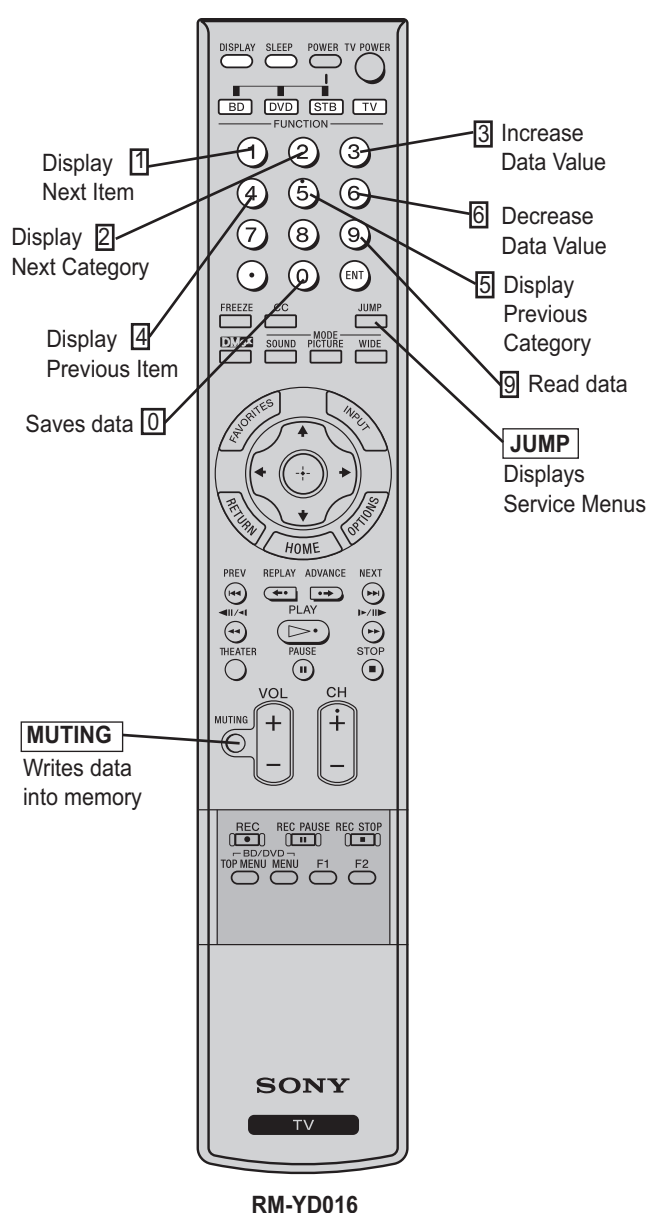
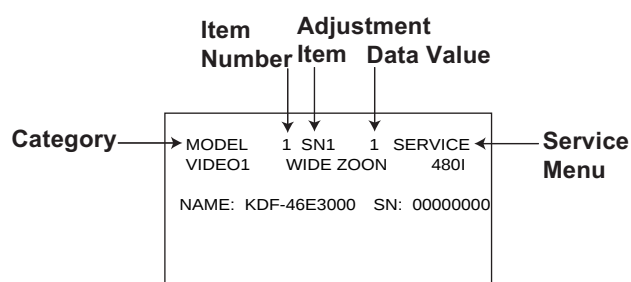
- To display the **Service Menu** that contains the Category you want to adjust, press **JUMP** on the Remote Commander.
(For a complete list of the service Categories refer to Service Menus)



Sample Service Menu

2-4. USING THE REMOTE COMMANDER TO VIEW SERVICE DATA

Use the buttons on the Remote Commander to access the service menu items and adjust the data values.



1. Access Service Adjustment Mode and select the Service Menu that contains the Category with the Adjustment Item you want to change.
2. To change the **Category**, press **2** or **5** on the Remote Commander.
Note: Pressing **2** or **5** only changes the categories within the Service Menu displayed. To change a Category on one of the other Service Menus, press the **JUMP** button until the correct Service Menu is displayed.
3. To change the **Adjustment Item**, press **1** or **4** on the Remote Commander.

2-4-1. CHANGING SERVICE DATA

The service data values have been selected to provide the best possible viewing performance. Although some of the data values are adjustable, the adjustments are very sensitive and changing them may reduce the picture quality of the set. The following instructions are provided for informational purposes only.

4. To change the **Data Value**, press **3** or **6** on the Remote Commander.
5. To save the changes, press **MUTING** then **0** to write into memory.

2-4-2. EXITING SERVICE MODE

After completing the changes, exit service mode.

6. To exit service mode, turn the power off by pressing **POWER**.
Wait 2 minutes before restarting the set to allow the fans to completely shut down or the Service Menu will appear on the screen.

2-5. UPDATING THE MODEL INFORMATION WHEN REPLACING THE BE BOARD

Use following instructions to update the model specific information after replacing the BE Board.

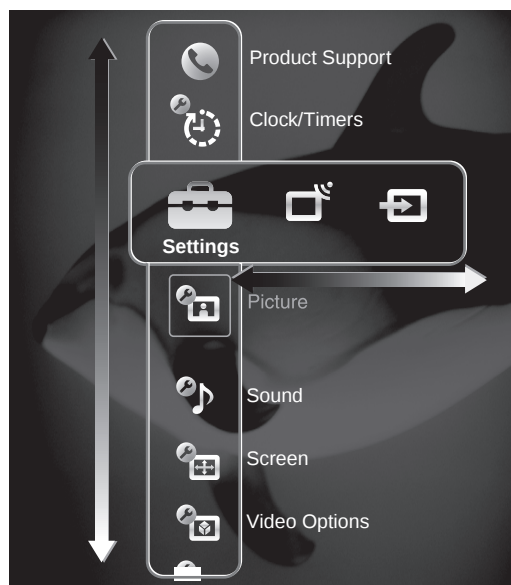
1. TV must be in standby mode. (Power off).
2. Press the following buttons on the Remote Commander within a second of each other:
DISPLAY → Channel **5** → Volume **+** → **POWER**.
3. Press **2** on the Remote Commander until the **MODEL** category displays.
4. The first adjustment item to display is **SZID**. The initial data value of the **SZID** adjustment item is set to **0** and displays the Model name as **KDF-37H1000**. To change the Model name, press **3** on the Remote Commander until the correct Model name displays. **3** displays **KDF-46E3000** and **4** displays **KDF-50E3000**.
5. Press **1** on the Remote Commander until the **SN8** adjustment item displays.
NOTE: The **SN1** adjustment item displays first, however, **SN8** allows you to change the first digit of the serial number.
6. The initial data value of the **SN8** adjustment is set to **0** and displays the serial number as **00000000**. To change the first digit of the serial number to the correct number, press **3** on the Remote Commander until the correct first digit displays.
7. Press **4** on the Remote Commander to display the **SN7** adjustment item.

8. Change the data value of the serial number to the correct serial number, by pressing **[5]** on the Remote Commander until **SN7** adjustment displays. (SN7 is the second digit of the serial number range.)
9. Repeat steps 7 and 8 for **SN6** through **SN1** until the correct serial number displays.
10. To save the changes, press **[MUTING]** then **[0]** to write into memory.
After completing the changes, exit service mode.
11. To exit service mode, turn the power off by pressing **[POWER]**.

2-5-1. VERIFYING MODEL INFORMATION

Verify the changes to the model information by viewing the information in the **Product Support** category of the user **Settings** menu options.

1. Turn the TV on by pressing **[POWER]** on the Remote Commander.
2. Press **[HOME]** on the Remote Commander to display the User Menu items.
The user menu icons display.



3. Press the **◀/▶** buttons on the Remote Commander to select the **Settings** option, and then press the **[+]** button.
4. Press the **▲/▼** button on the Remote Commander to select the **Product Support** category, and then press the **[+]** button.



Product Support

5. Press the **◀/▶** buttons on the Remote Commander to select the **Contact Sony** option, and then press the **[+]** button.
6. Verify the changes you made in Service Mode are correct.

2-6. ADJUSTING THE HORIZONTAL AND VERTICAL SETTINGS

1. Turn the TV on by pressing **[POWER]** on the Remote Commander.
2. Press **[HOME]** on the Remote Commander to display the User Menu items.
The user menu icons display.
3. Press the **◀/▶** buttons on the Remote Commander to select the **Settings** option, and then press the **[+]** button.
4. Press the **▲/▼** button on the Remote Commander to select the **Screen Settings** category, and then press the **[+]** button.



Screen Settings

5. Press the **▲/▼** button on the Remote Commander to select the **Screen Position** category, and then press the **[+]** button.
6. Press the **▲/▼** button on the Remote Commander to select the **Vertical** or **Horizontal** position, and then press the **◀/▶** buttons to increase or decrease the position.

2-7. RESETTING THE LAMP

Use the following to reset the lamp after replacement.

1. Turn the TV on by pressing **[POWER]** on the Remote Commander.
2. Press **[HOME]** on the Remote Commander to display the User Menu items.
The user menu icons display.
3. Press the **◀/▶** buttons on the Remote Commander to select the **Settings** option, and then press the **[+]** button.
4. Press the **▲/▼** button on the Remote Commander to select the **General Settings** category, and then press the **[+]** button.



General Settings

5. Press the **▲/▼** button on the Remote Commander to select the **Lamp Replacement** category, and then press the **[+]** button.
6. To select **Yes**, press the **◀** button and then press the **[+]** button.

2-8. VERIFYING SERVICE DATA CHANGES

1. After completing all adjustments turn the set off with the Remote Commander and **WAIT** for the fans to turn off before proceeding to the next step.

Note: It may take up to two minutes for the fans to stop.

Caution: To avoid over heating the lamp, do not unplug the set until the fans have stopped.

2. Press the following buttons on the Remote Commander within a second of each other:
[DISPLAY] ➡ **Channel [5]** ➡ **Volume [4]** ➡ **[POWER]**.
3. To verify the changes repeat steps 1 through 3 of 2-4. Using the Remote Commander to View Service Data.
4. To exit service mode, turn the power off by pressing **[POWER]**.

NOTE: After exiting service mode wait 2 minutes before restarting the set to allow the fans to shut down properly.

2-9. RESETTING TO FACTORY DEFAULTS

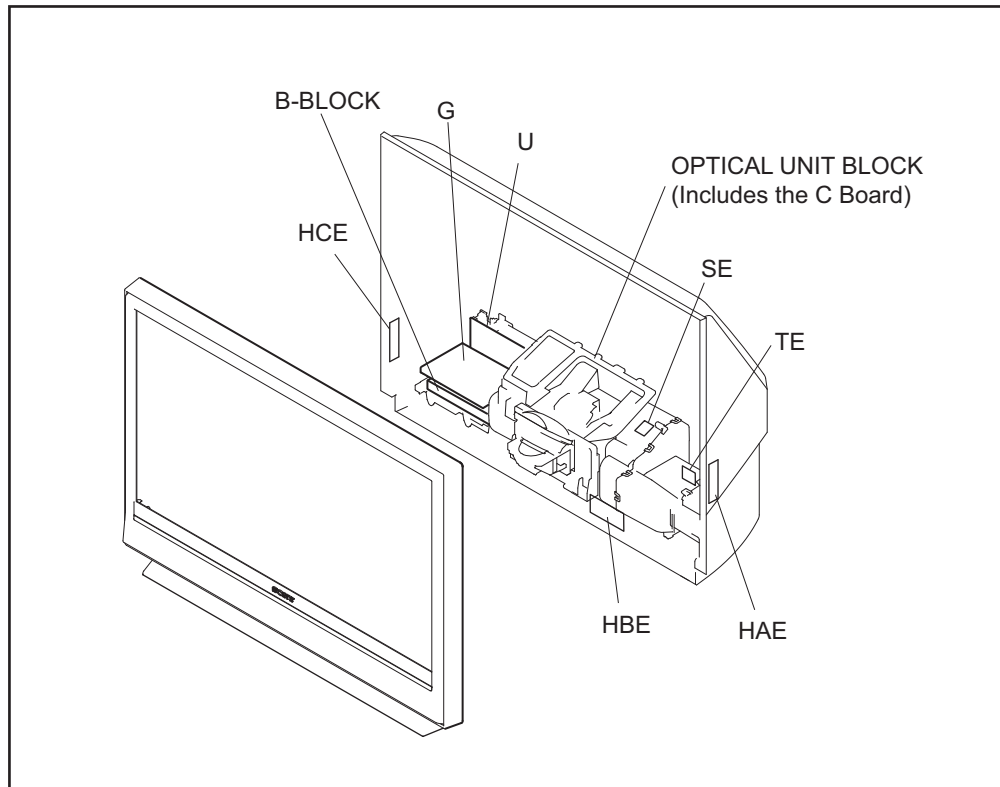
Use the following instructions to restore the User Controls and Channel Memory settings to the preset factory conditions.

1. While holding down the  on the Remote Commander, press the POWER button on the Front Panel of the set.

The set restarts and displays the initial setup screen. This may take several minutes.

SECTION 3: DIAGRAMS

3-1. CIRCUIT BOARDS LOCATION



3-2. PRINTED WIRING BOARDS AND SCHEMATIC DIAGRAMS INFORMATION

All capacitors are in μF unless otherwise noted. pF : μF 50VV or less are not indicated except for electrolytics and tantalums.

All electrolytics are in 50V unless otherwise specified.

All resistors are in ohms. $\text{k}\Omega=1000\Omega$, $\text{M}\Omega=1000\text{k}\Omega$

Indication of resistance, which does not have one for rating electrical power, is as follows: Pitch : 5mm

Rating electrical power : $\frac{1}{4}$ W

$\frac{1}{4}$ W in resistance, $\frac{1}{10}$ W and $\frac{1}{16}$ W in chip resistance.

: nonflammable resistor

: fusible resistor

: internal component

: panel designation and adjustment for repair

: earth ground

: earth-chassis

All variable and adjustable resistors have characteristic curve B, unless otherwise noted.

Readings are taken with a color-bar signal input.

Readings are taken with a $10\text{M}\Omega$ digital multimeter.

Voltages are DC with respect to ground unless otherwise noted.

Voltage variations may be noted due to normal production tolerances.

All voltages are in V.

S : Measurement impossibility.

: B+line.

: B-line. (Actual measured value may be different).

: signal path. (RF)

Circled numbers are waveform references.

The components identified by shading and are critical for safety. Replace only with part number specified.

The symbol indicates a fast operating fuse and is displayed on the component side of the board. Replace only with fuse of the same rating as marked.

Les composants identifiés par un trame et une marque sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

Le symbole indique une fusible à action rapide. Doit être remplacé par une fusible de même valeur, comme marqué.

NOTE: The components identified by a red outline and a mark contain confidential information. Specific instructions must be adhered to whenever these components are repaired and/or replaced.

See Appendix A: Encryption Key Components in the back of this manual.

REFERENCE INFORMATION

RESISTOR

: RN METAL FILM
 : RC SOLID
 : FPRD NONFLAMMABLE CARBON
 : FUSE NONFLAMMABLE FUSIBLE
 : RW NONFLAMMABLE WIREWOUND
 : RS NONFLAMMABLE METAL OXIDE
 : RB NONFLAMMABLE CEMENT
 : ※ ADJUSTMENT RESISTOR

COIL

: LF-8L MICRO INDUCTOR

CAPACITOR

: TA TANTALUM
 : PS STYROL
 : PP POLYPROPYLENE
 : PT MYLAR
 : MPS METALIZED POLYESTER
 : MPP METALIZED POLYPROPYLENE
 : ALB BIPOLAR
 : ALT HIGH TEMPERATURE
 : ALR HIGH RIPPLE

Terminal name of semiconductors in silk screen printed circuit (※)

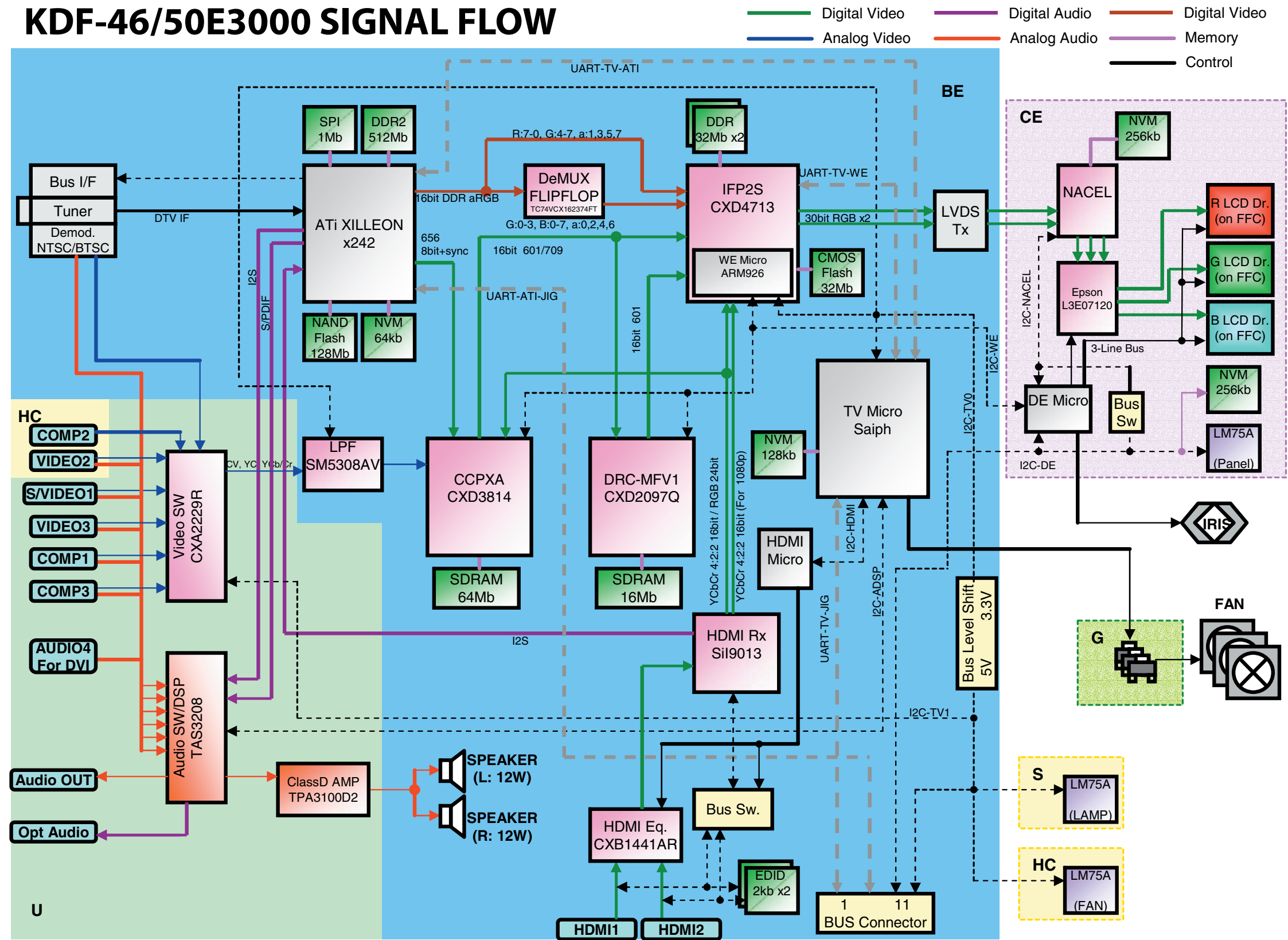
	Device	Printed symbol	Terminal name	Circuit
①	Transistor		Collector Base Emitter	
②	Transistor		Collector Base Emitter	
③	Diode		Cathode Anode	
④	Diode		Cathode Anode (NC)	
⑤	Diode		Cathode Anode (NC)	
⑥	Diode		Common Anode Cathode	
⑦	Diode		Common Anode Cathode	
⑧	Diode		Common Anode Anode	
⑨	Diode		Common Anode Anode	
⑩	Diode		Common Cathode Cathode	
⑪	Diode		Common Cathode Cathode	
⑫	Diode		Anode Cathode Anode Anode Cathode Anode	
⑬	Transistor (FET)		Drain Source Gate	
⑭	Transistor (FET)		Drain Source Gate	
⑮	Transistor (FET)		Source Drain Gate	
⑯	Transistor		Emitter Collector Base	
⑰	Transistor		C2(B1)E1 E2(B2)C1	
⑱	Transistor		C1(B2)E2 E1(B1)C2	
⑲	Transistor		C1 B2 E2 E1 B1 C2	
⑳	Transistor		C1 B2 E2 E1 B1 C2	
㉑	Transistor		E2 B1 E1 C2 C1(B2)	
㉒	Transistor		(B2) B1 E1 E2 C1 C2	
㉓	Transistor		(B2) E2 E1 B1 C2 C1	
—	Discrete semiconductot			

(Chip semiconductors that are not actually used are included.)

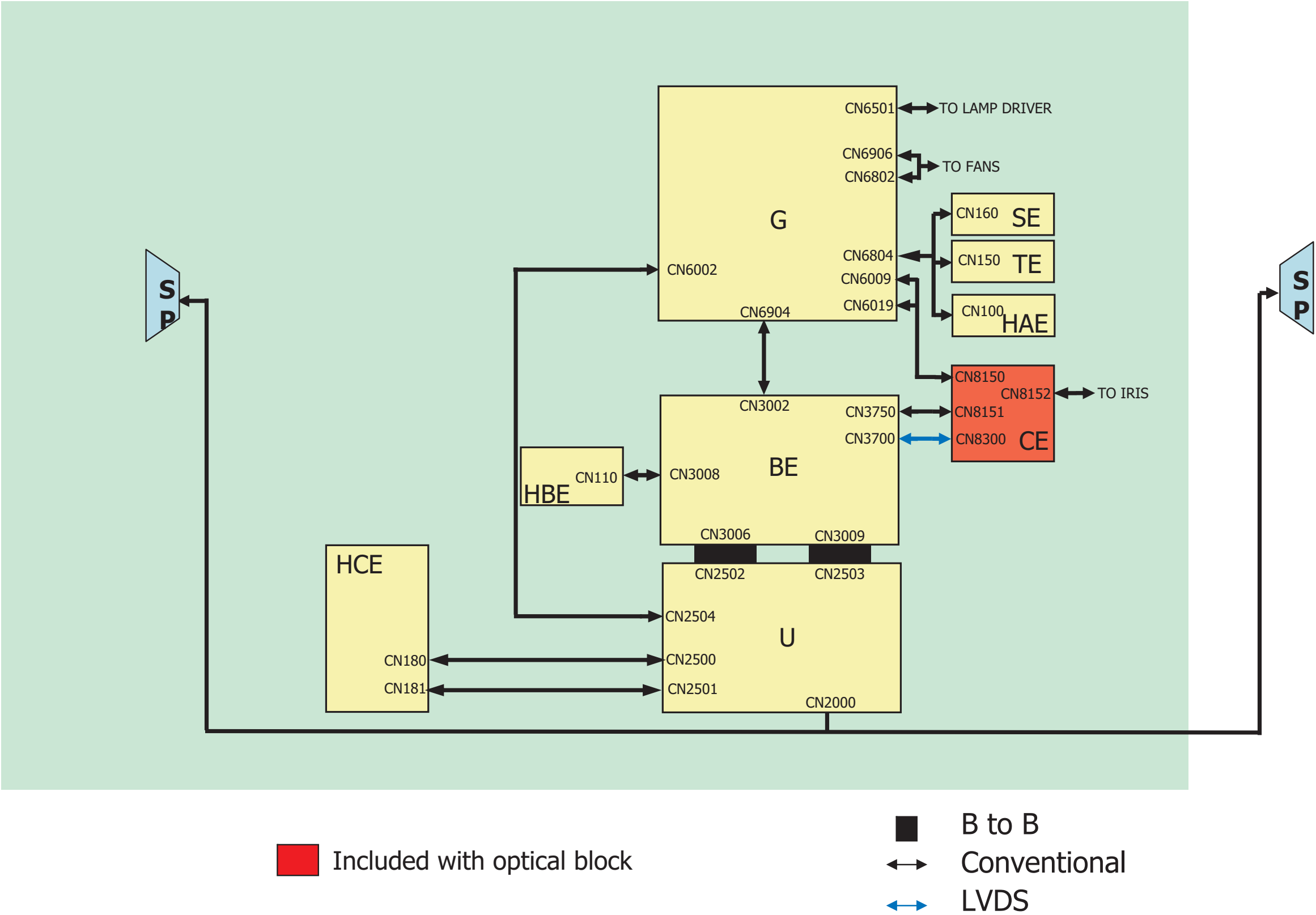
Ver.1.5

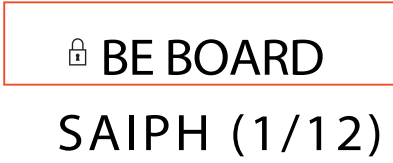
3-3. BLOCK DIAGRAMS
SIGNAL FLOW BLOCK DIAGRAM

KDF-46/50E3000 SIGNAL FLOW

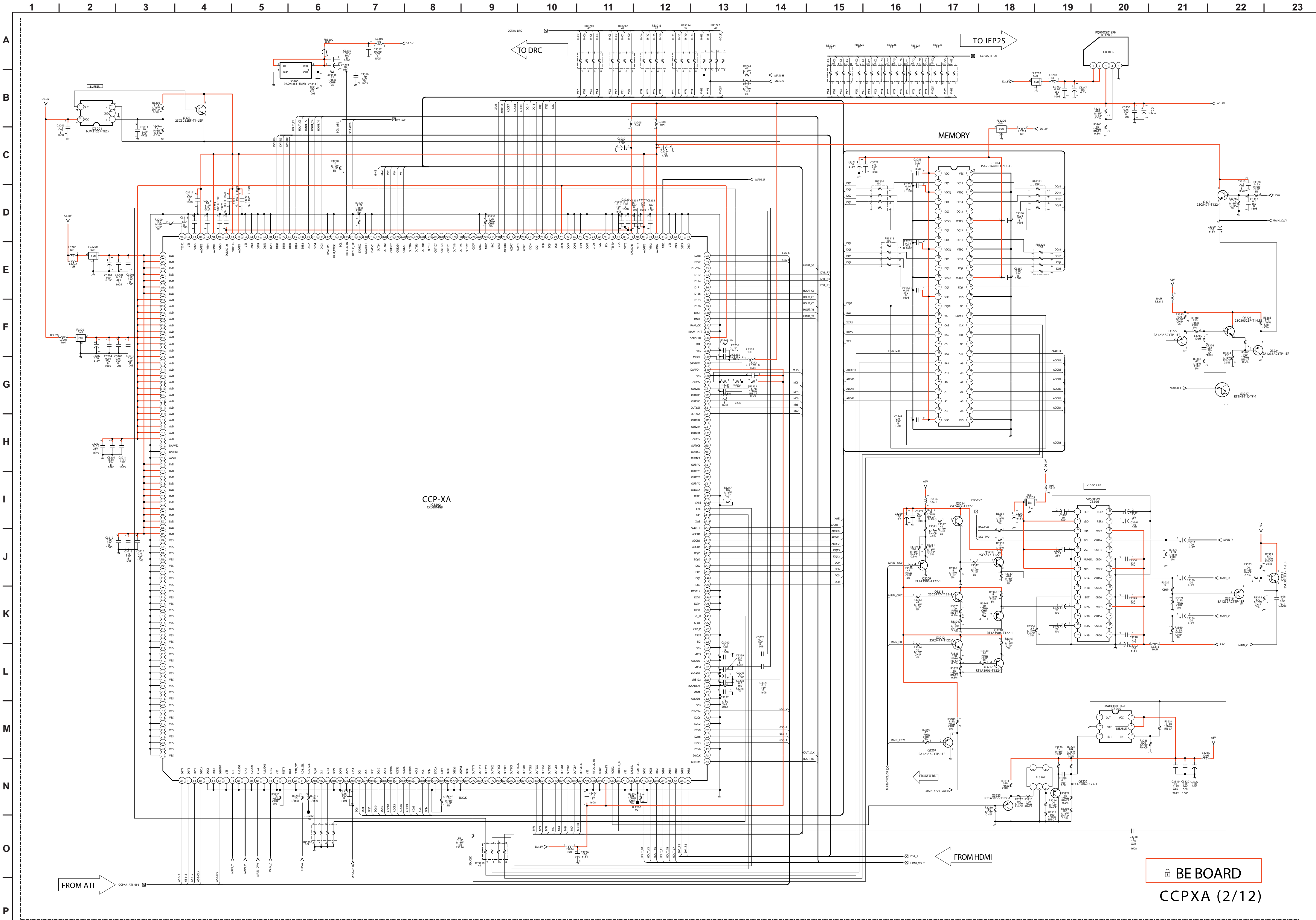


CONNECTION DIAGRAM





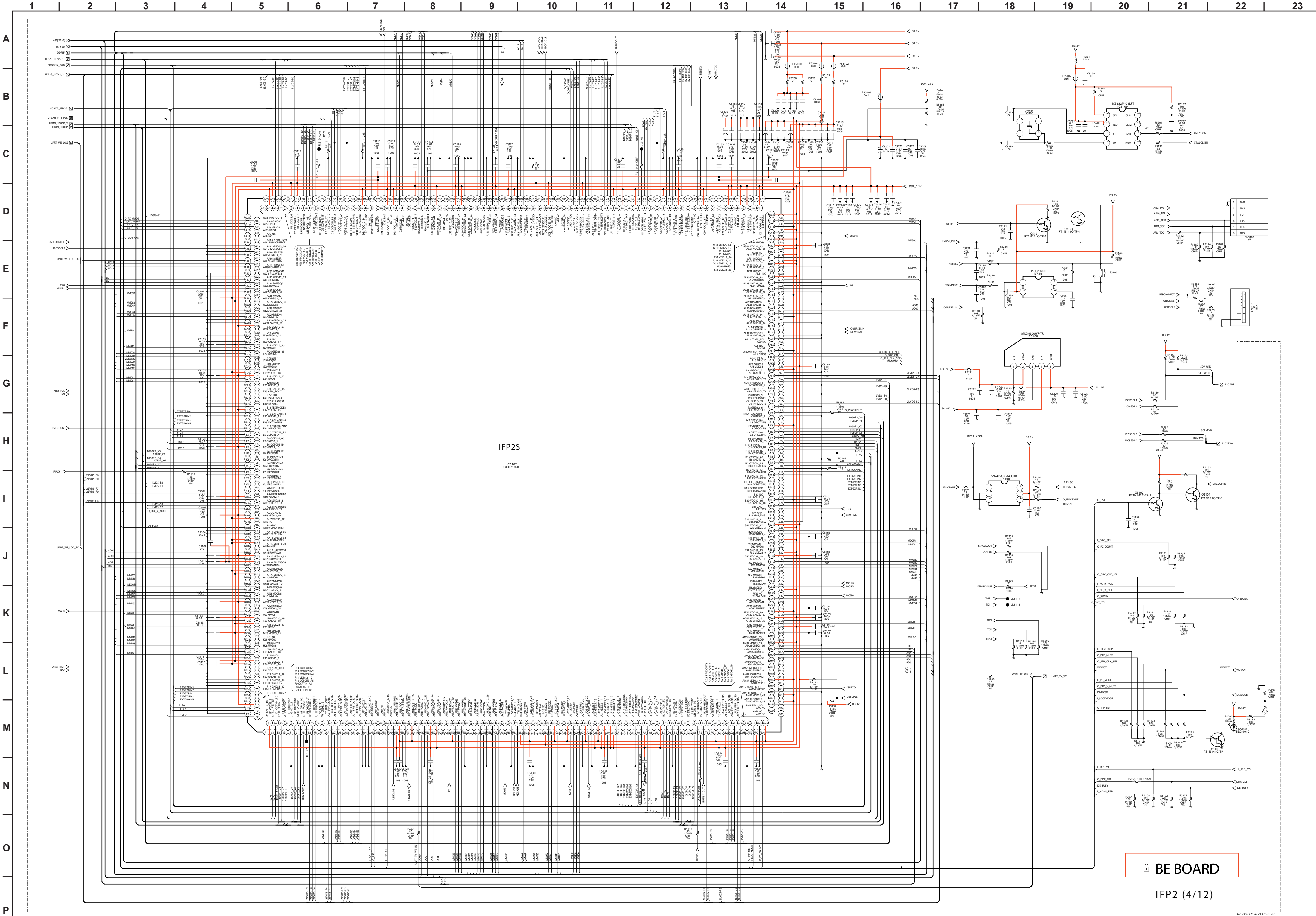
BE BOARD SCHEMATIC DIAGRAM (2 OF 12)



BE BOARD
CCPXA (2/12)

 BE BOARD
DRC-MFV1 (3/12)

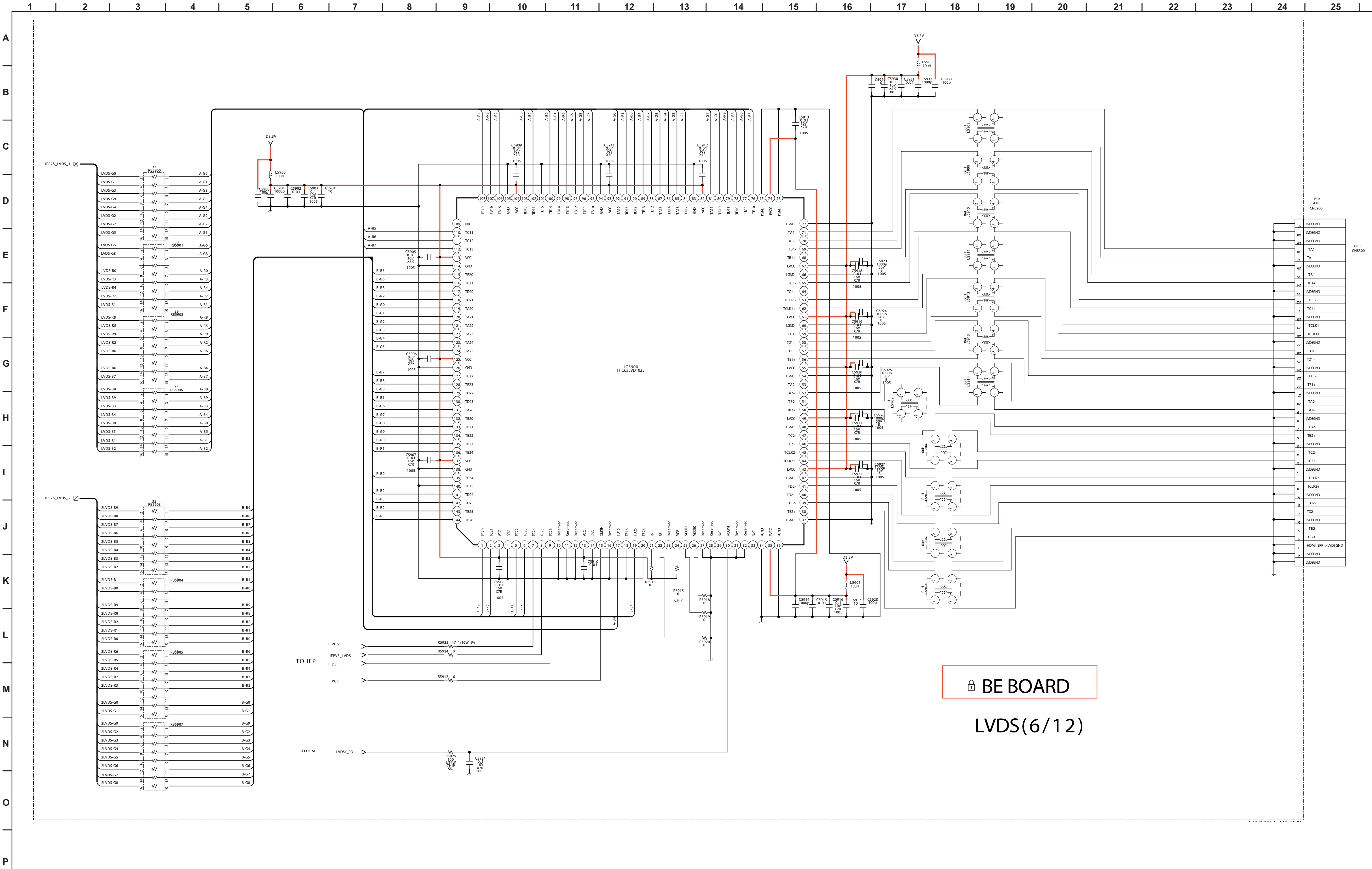
BE BOARD SCHEMATIC DIAGRAM (4 OF 12)



KDF-46E3000/50E3000

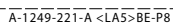


BE BOARD SCHEMATIC DIAGRAM (6 OF 12)

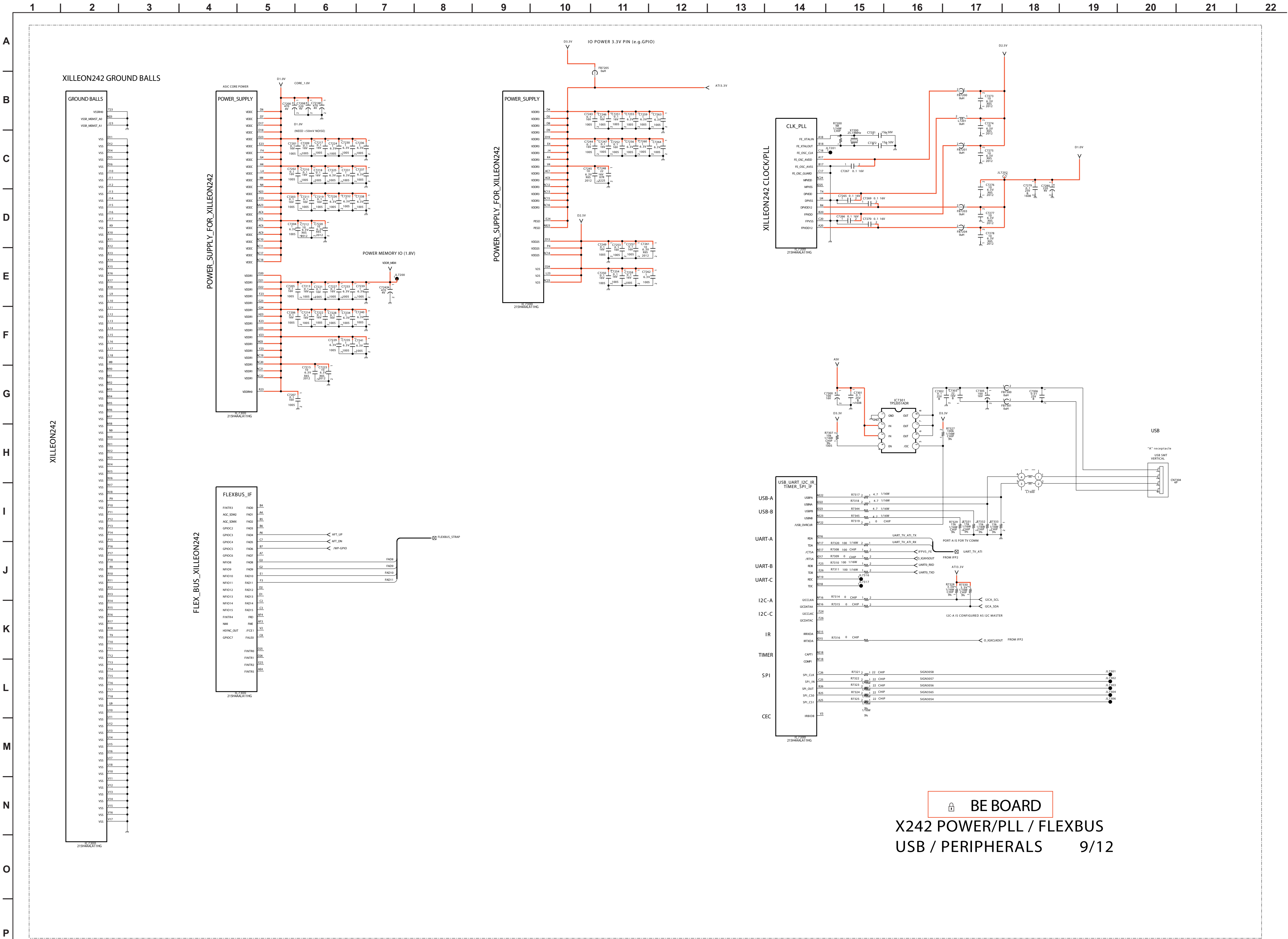




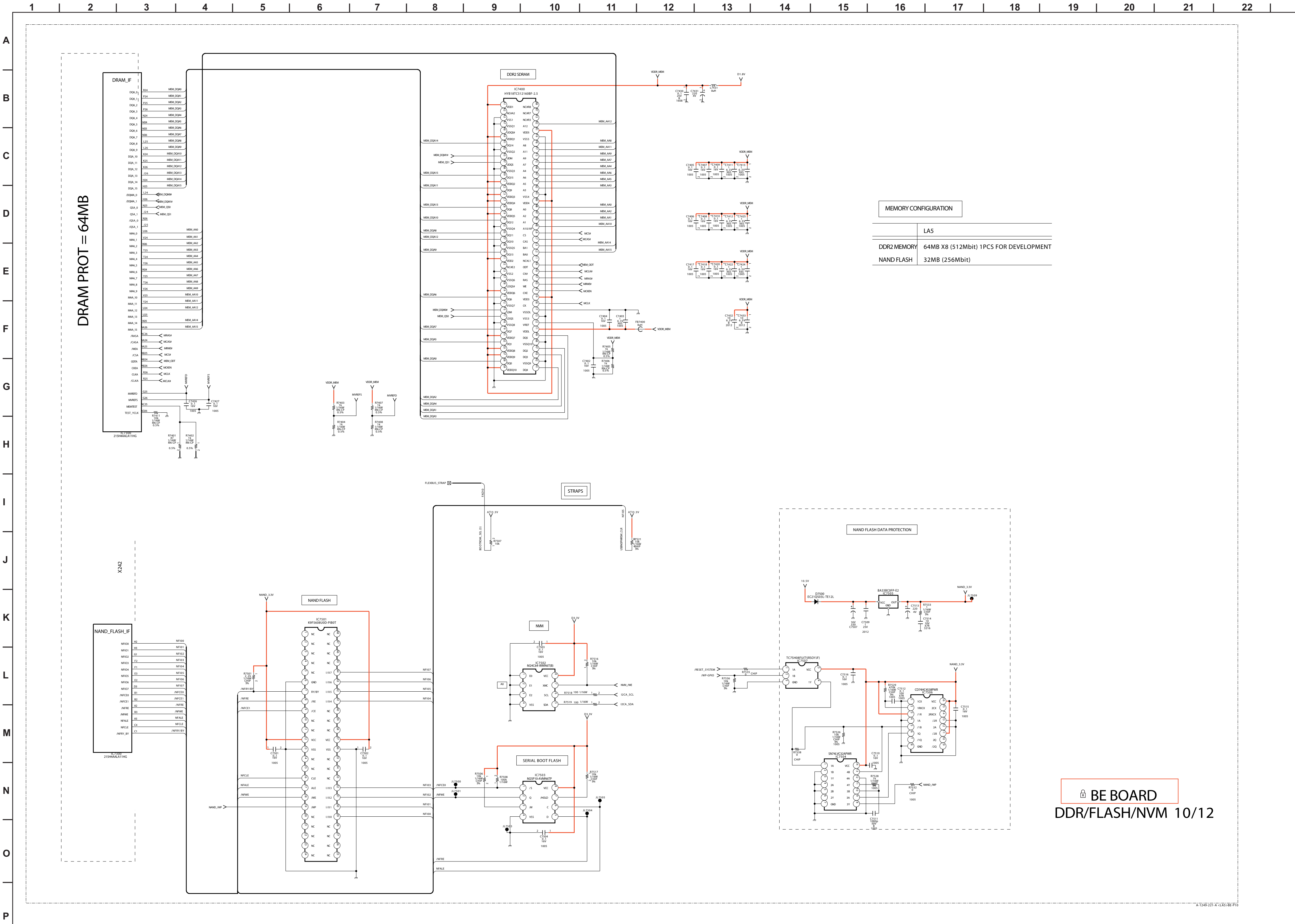
BE BOARD
POWER / RESET 8/12



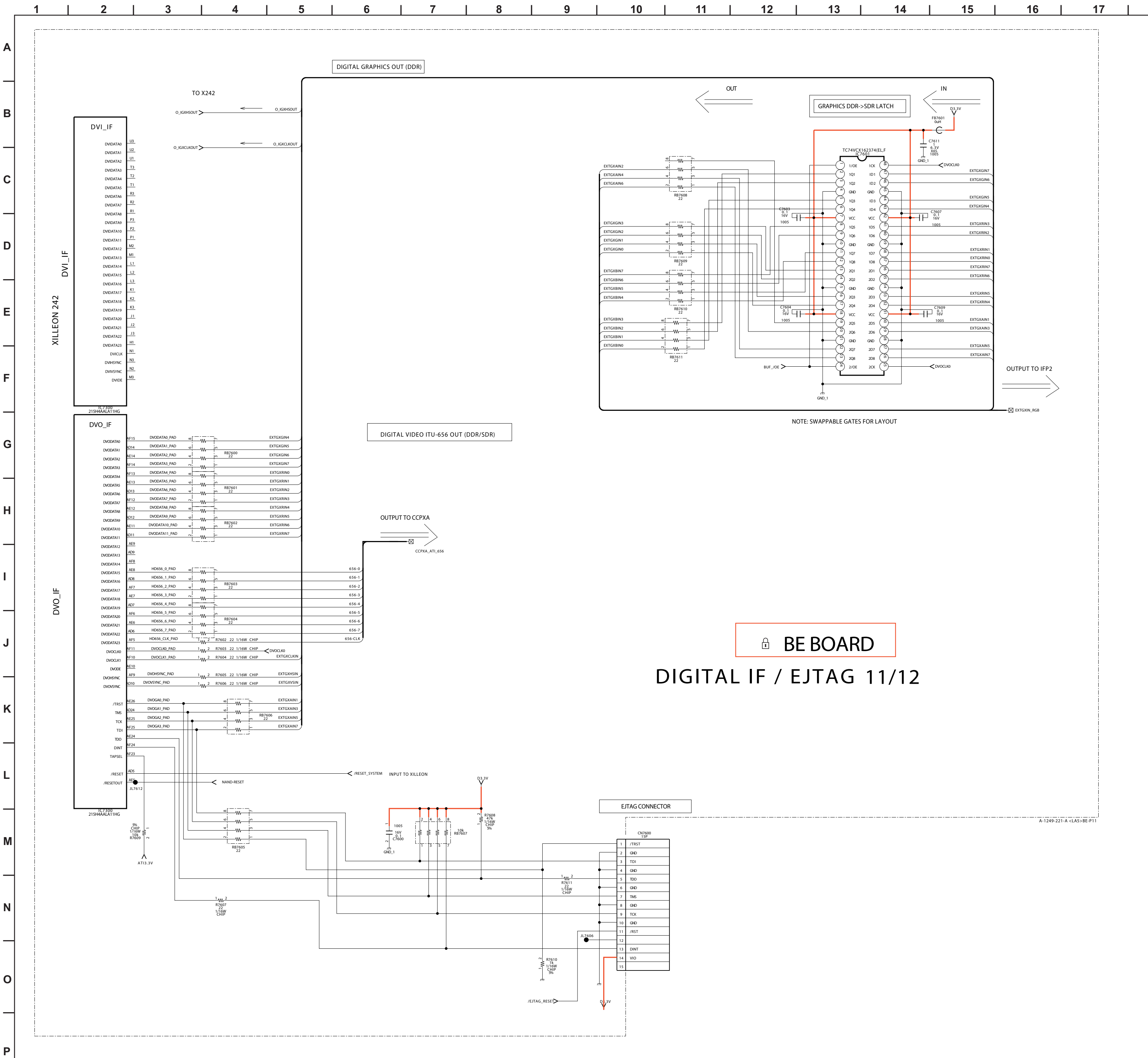
BE BOARD SCHEMATIC DIAGRAM (9 OF 12)



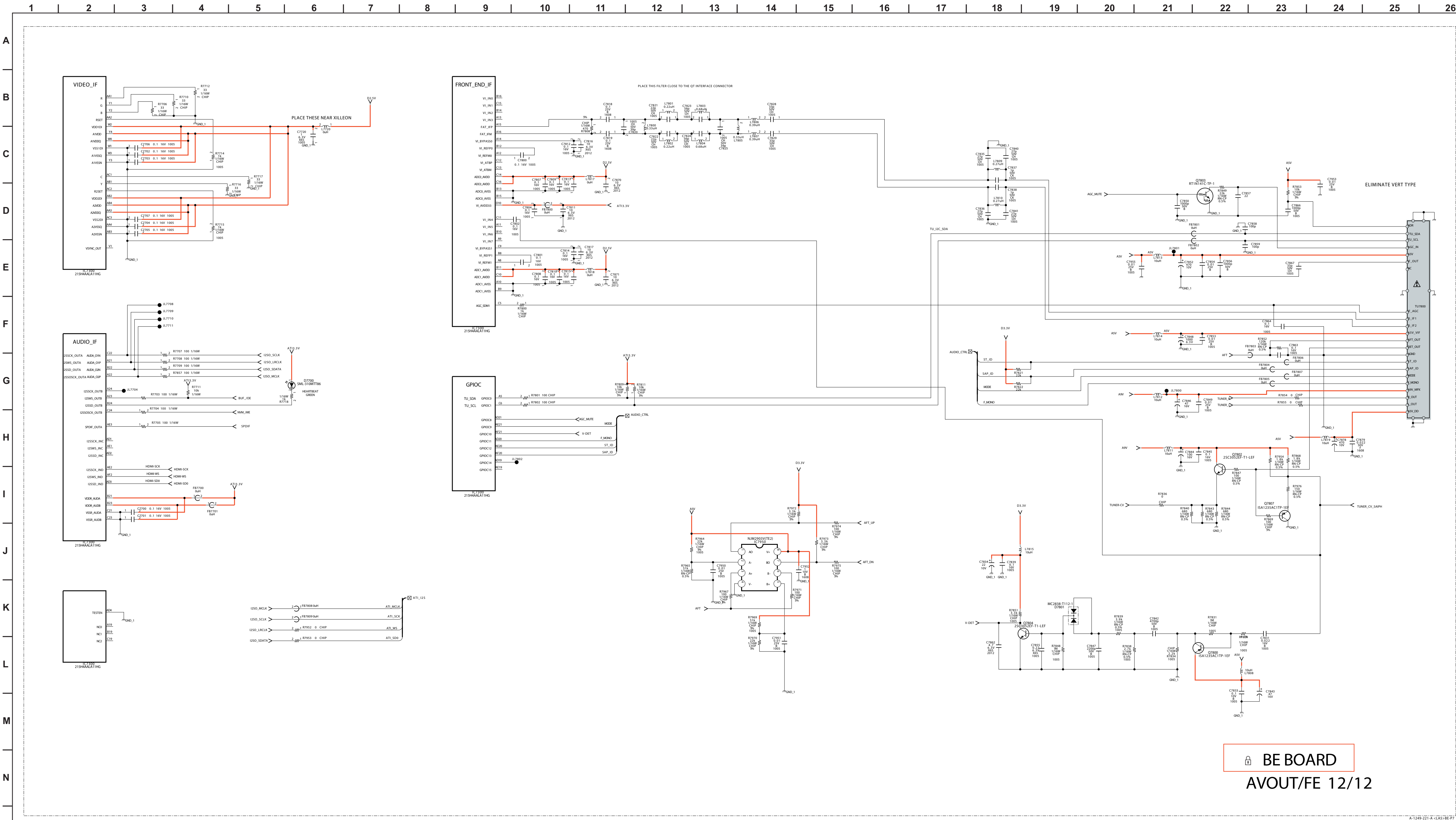
BE BOARD SCHEMATIC DIAGRAM (10 OF 12)



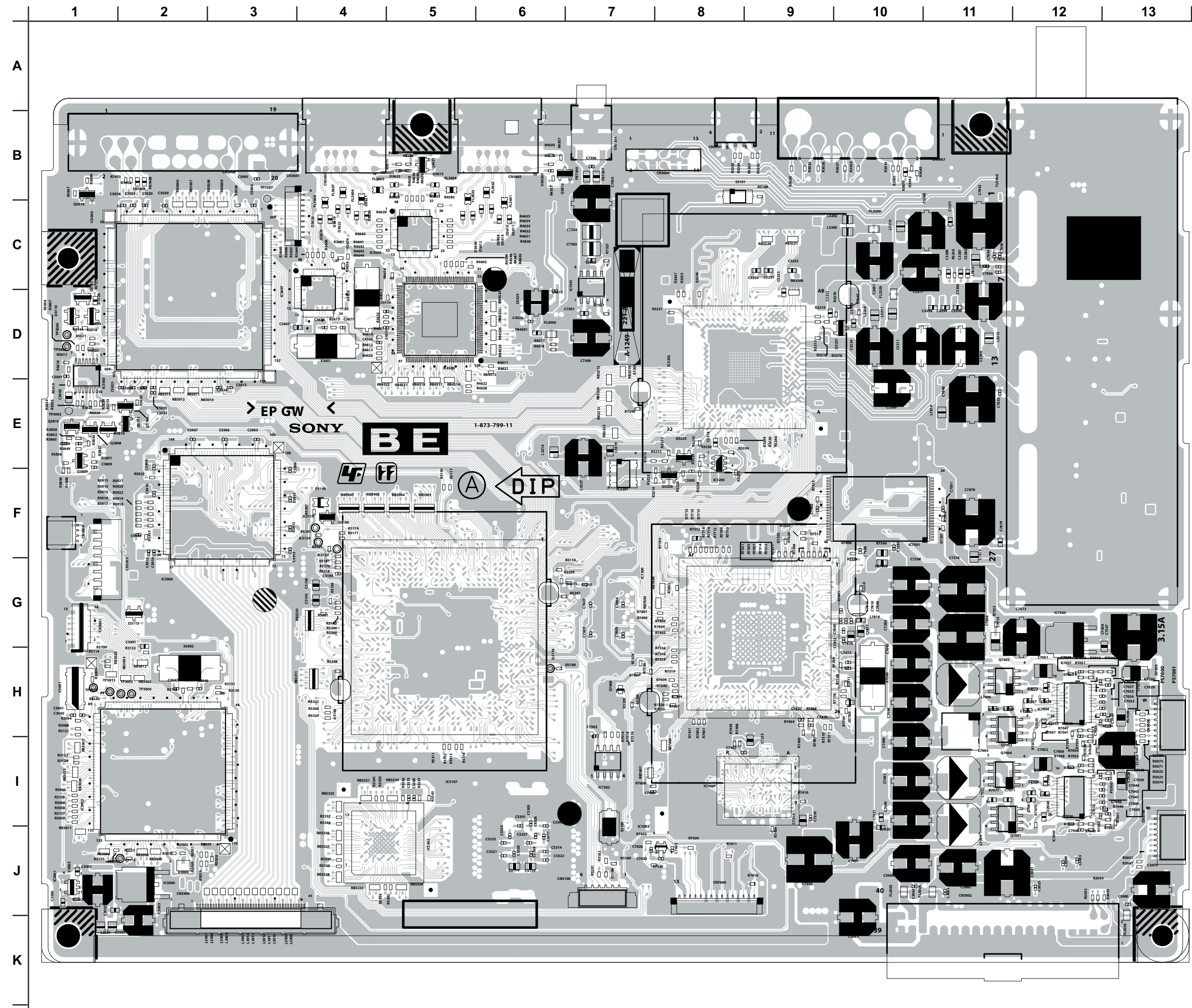
BE BOARD SCHEMATIC DIAGRAM (11 OF 12)



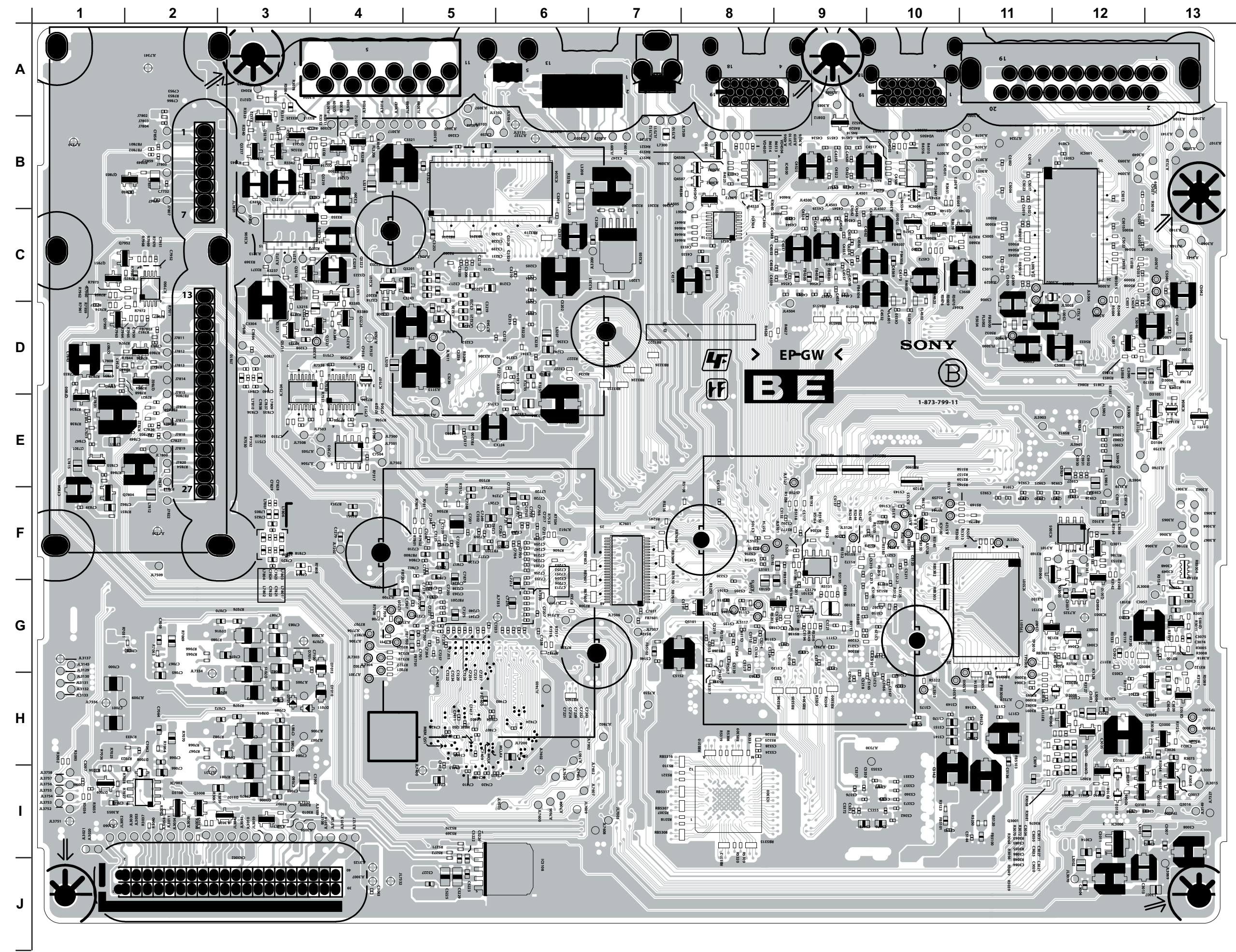
BE BOARD SCHEMATIC DIAGRAM (12 OF 12)



BE [SAIPH, CCPXA, DRC-MFV1, IFP2, IFP2S/DDR, LVDS, HDMI, POWER/RESET, X242 POWER, PLL, FLEXBUS, USB, PERIPHERALS, DDR, FLASH, NVM, DIGITAL IF, EJTAG, AV OUT, FE]
COMPONENT SIDE



BE [SAIPH, CCPXA, DRC-MFV1, IFP2, IFP2S/DDR, LVDS, HDMI, POWER/RESET, X242 POWER, PLL, FLEXBUS, USB, PERIPHERALS, DDR, FLASH, NVM, DIGITAL IF, EJTAG, AV OUT, FE]
CONDUCTOR SIDE

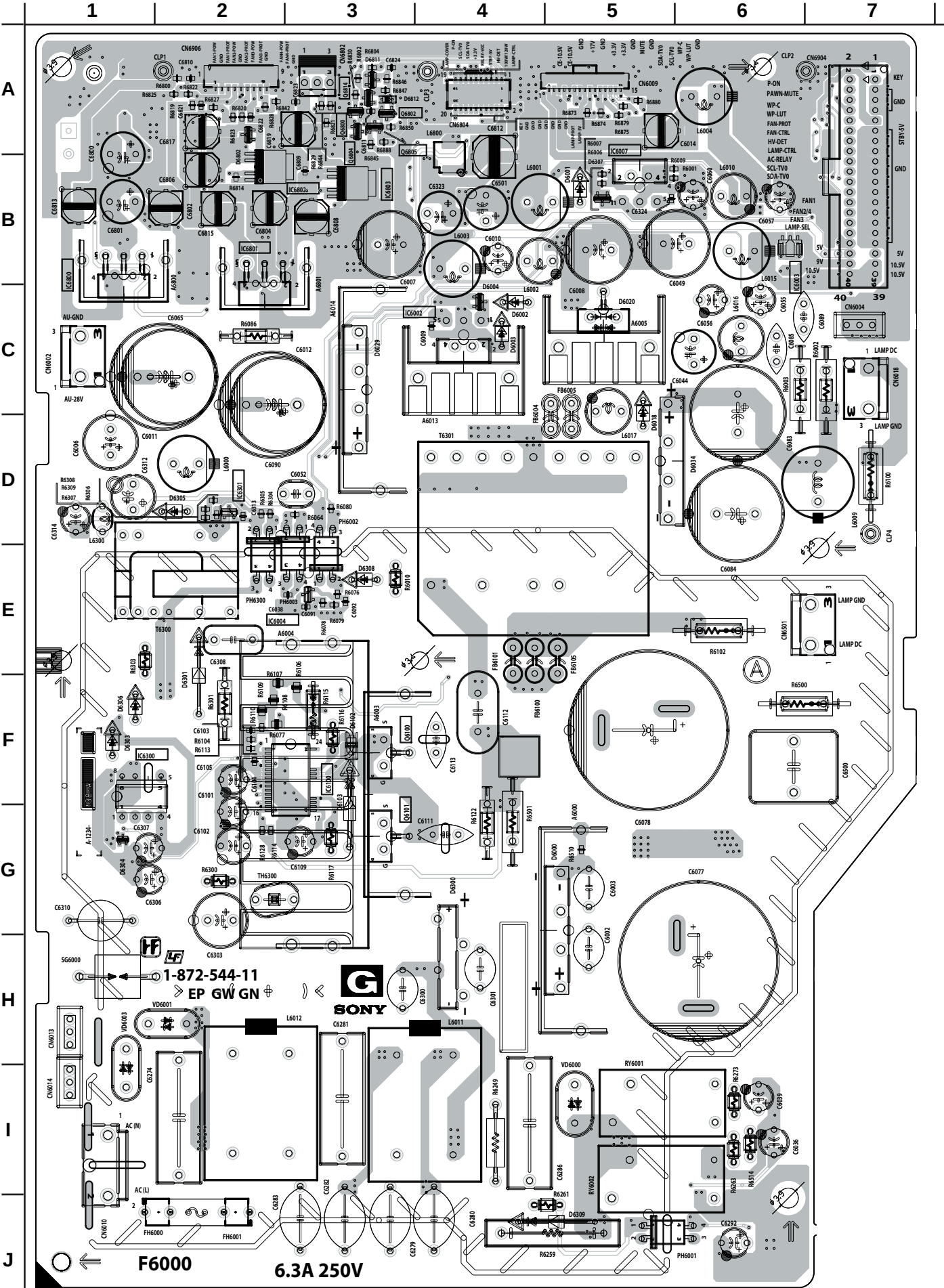




G

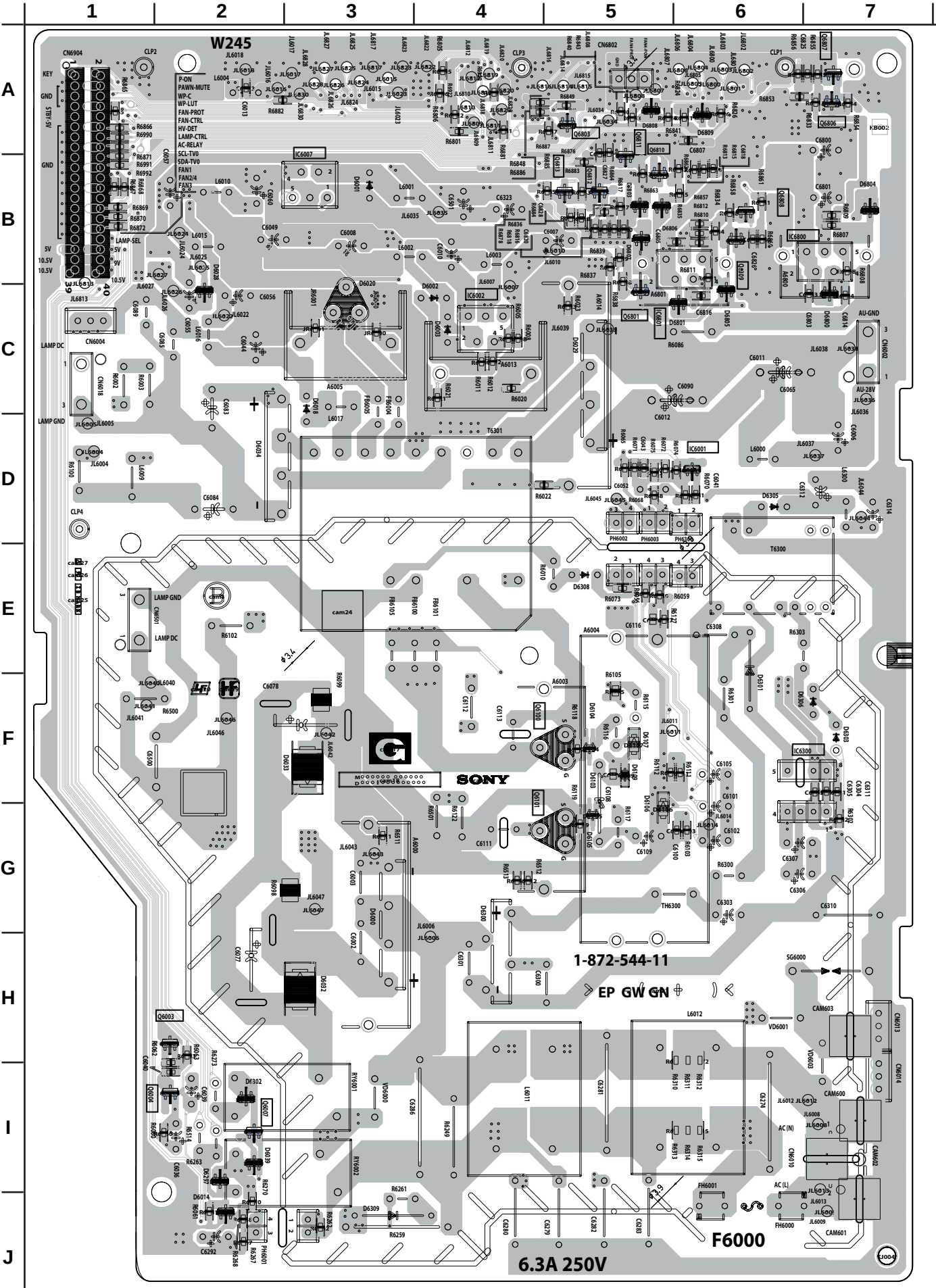
[MAIN POWER SUPPLY, FAN CONTROL]

COMPONENT SIDE

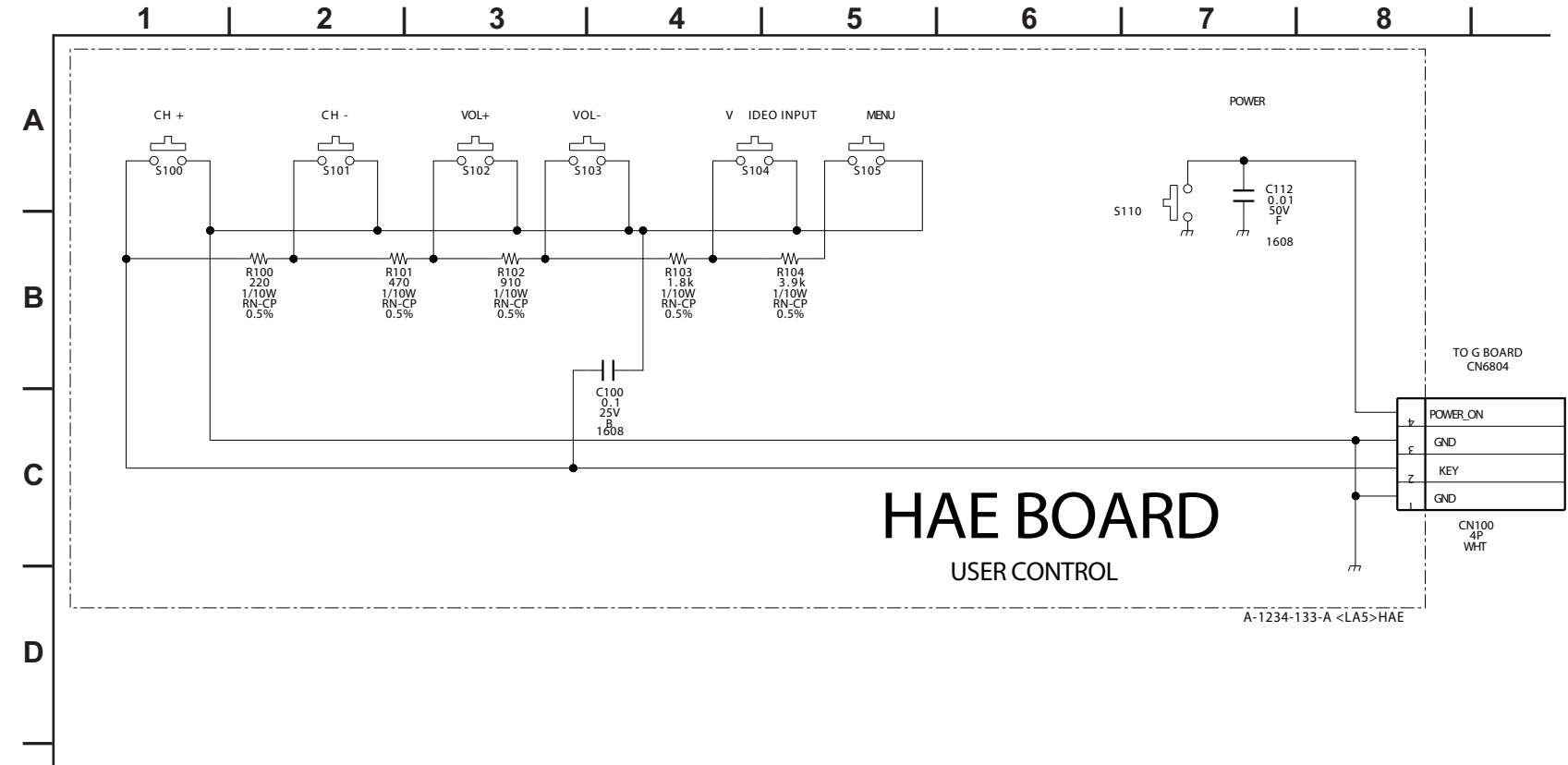


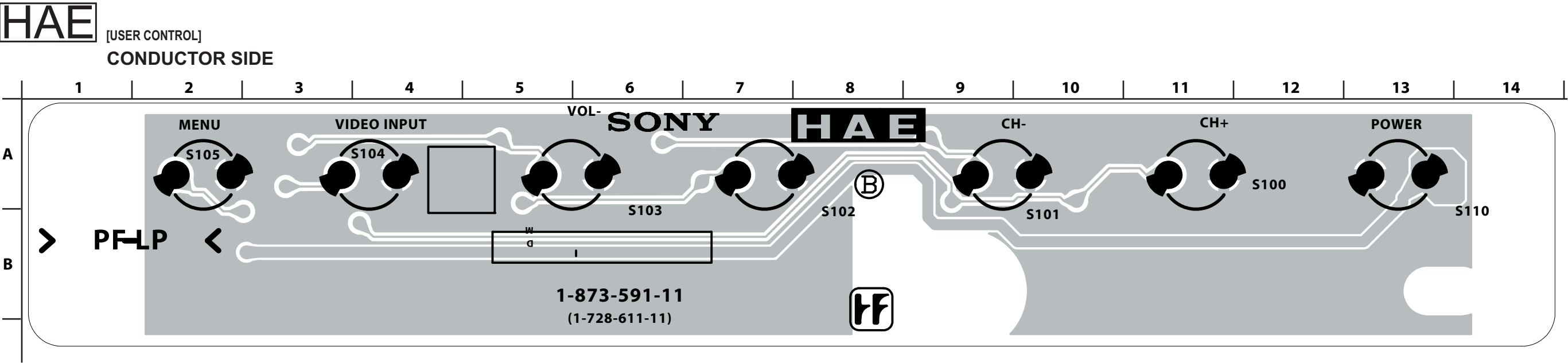
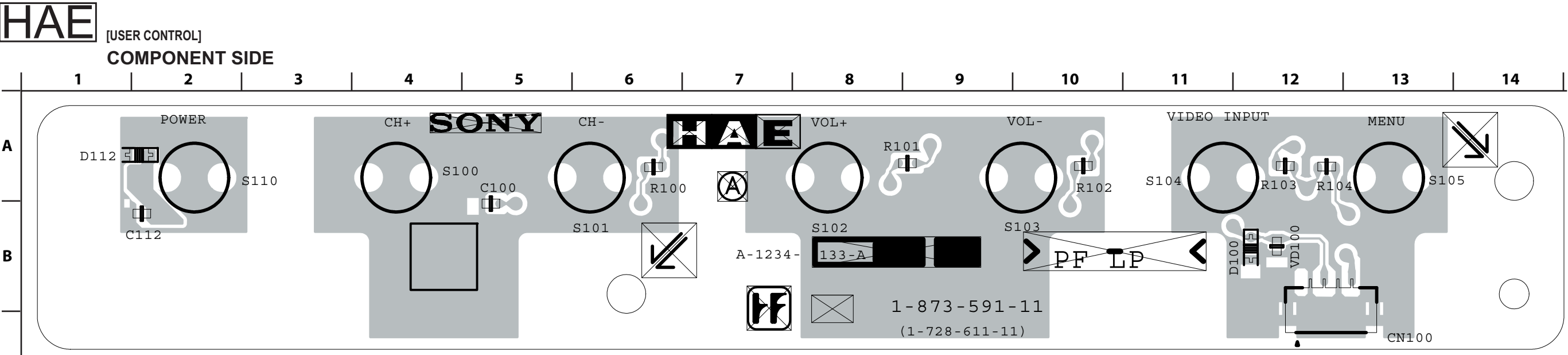
G

[MAIN POWER SUPPLY, FAN CONTROL]
CONDUCTOR SIDE

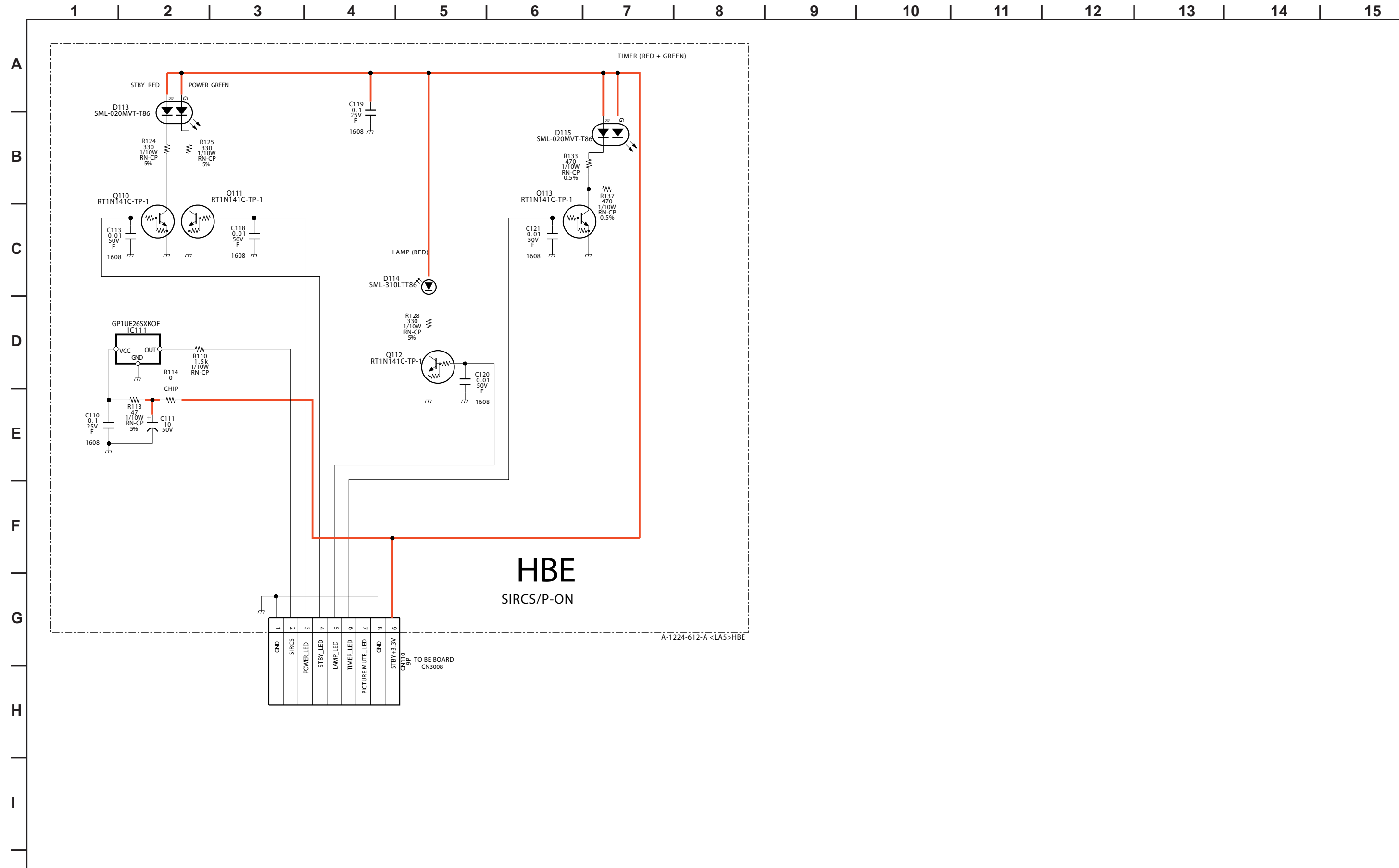


HAE BOARD SCHEMATIC DIAGRAM





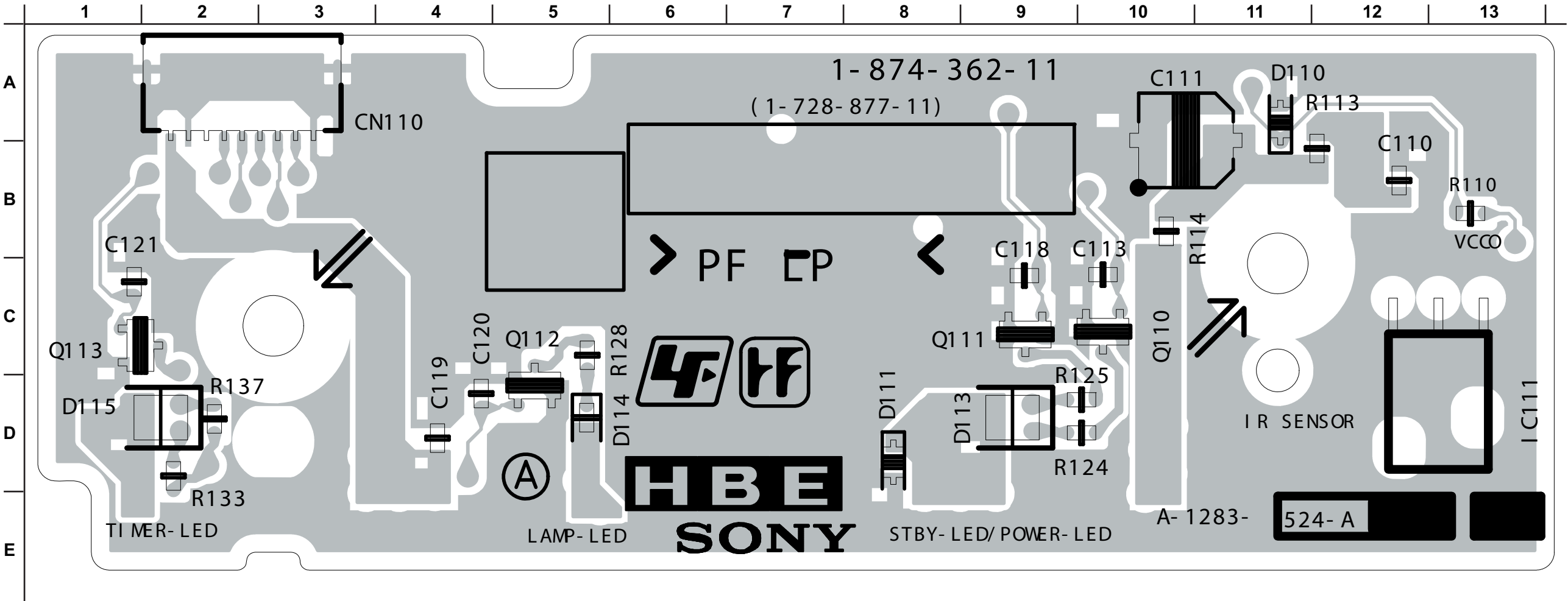
HBE BOARD SCHEMATIC DIAGRAM

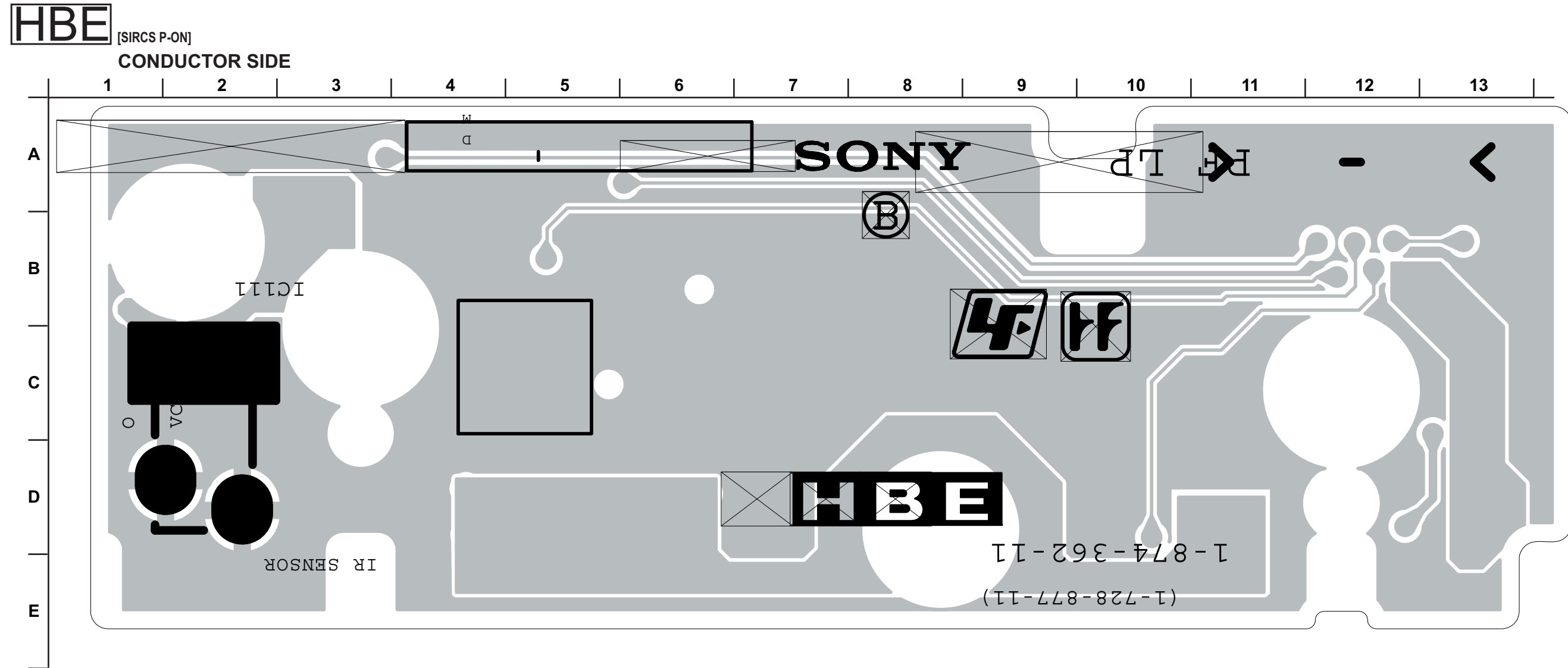


HBE

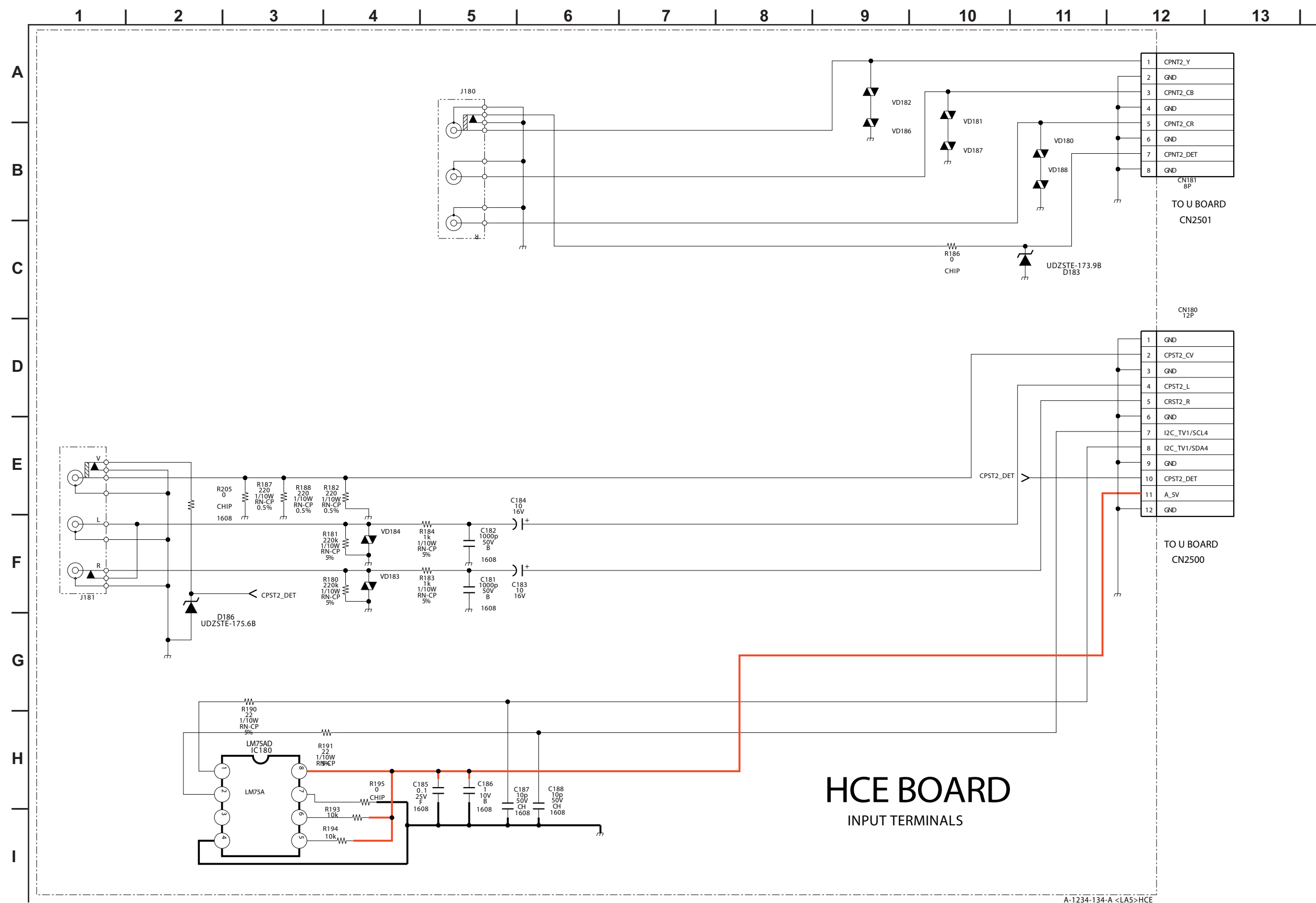
[SIRCS P-ON]

COMPONENT SIDE





HCE BOARD SCHEMATIC DIAGRAM

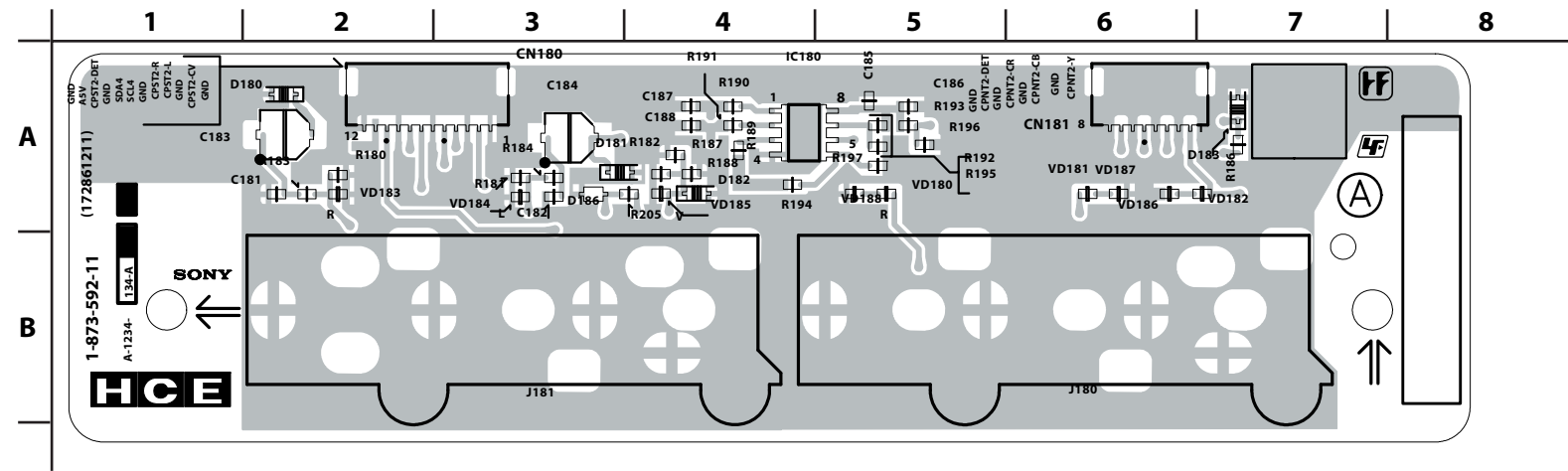


A-1234-134-A <LA5>HCE



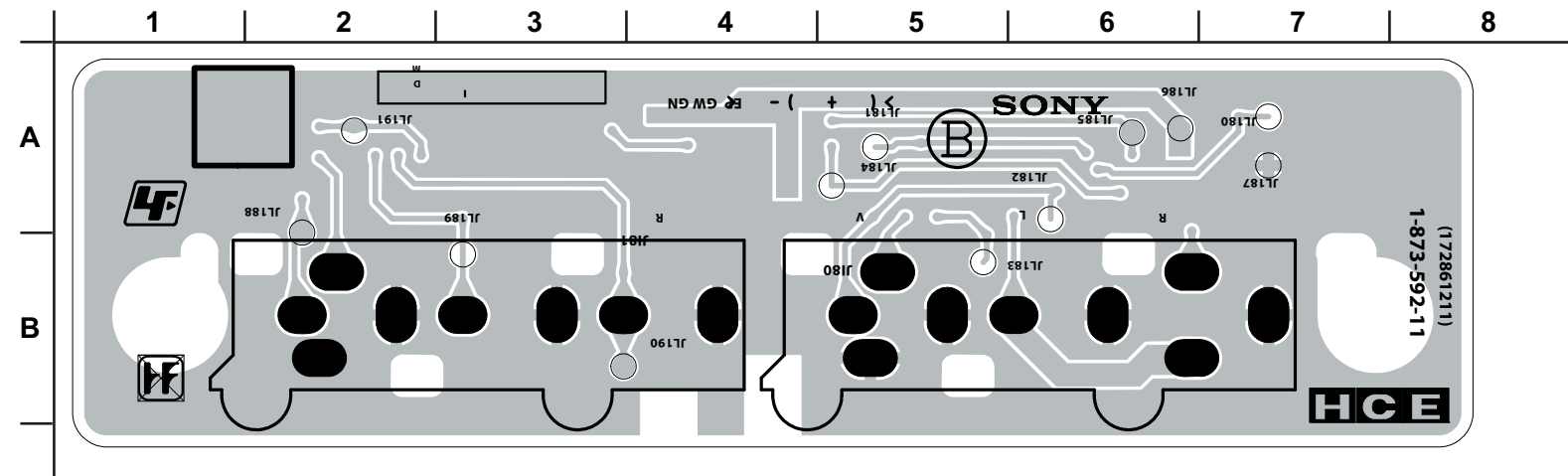
[INPUT TERMINALS]

COMPONENT SIDE

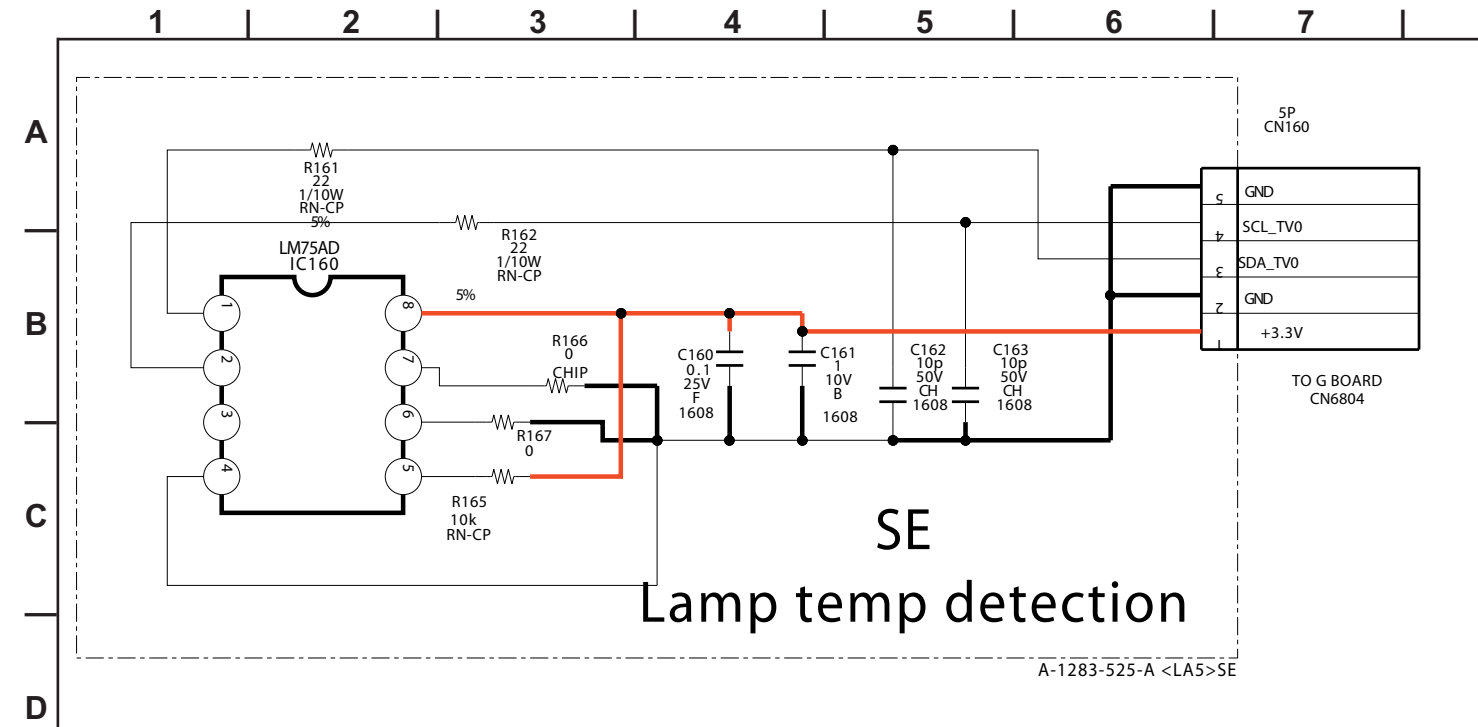


[INPUT TERMINALS]

CONDUCTOR SIDE

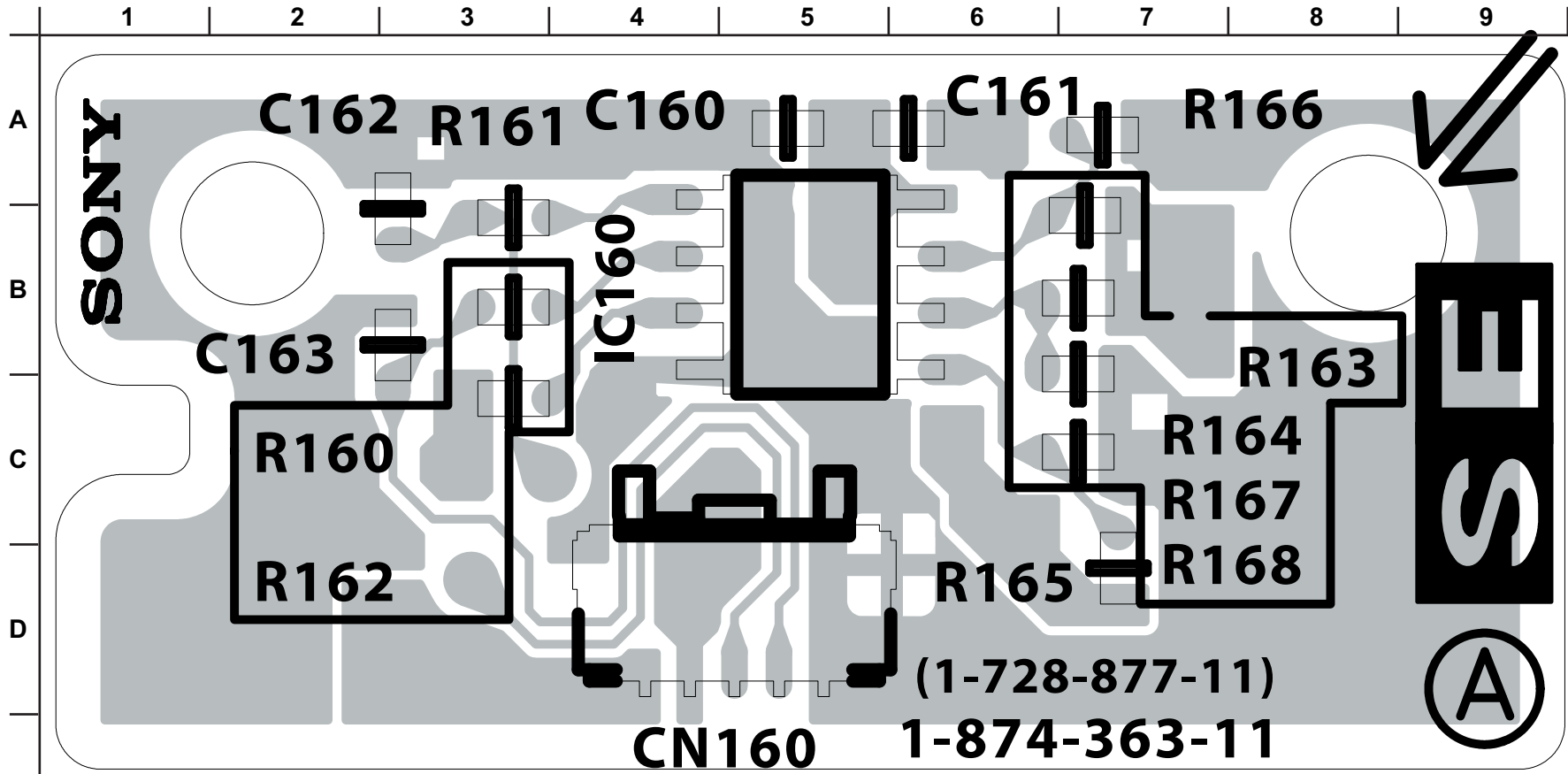


SE BOARD SCHEMATIC DIAGRAM



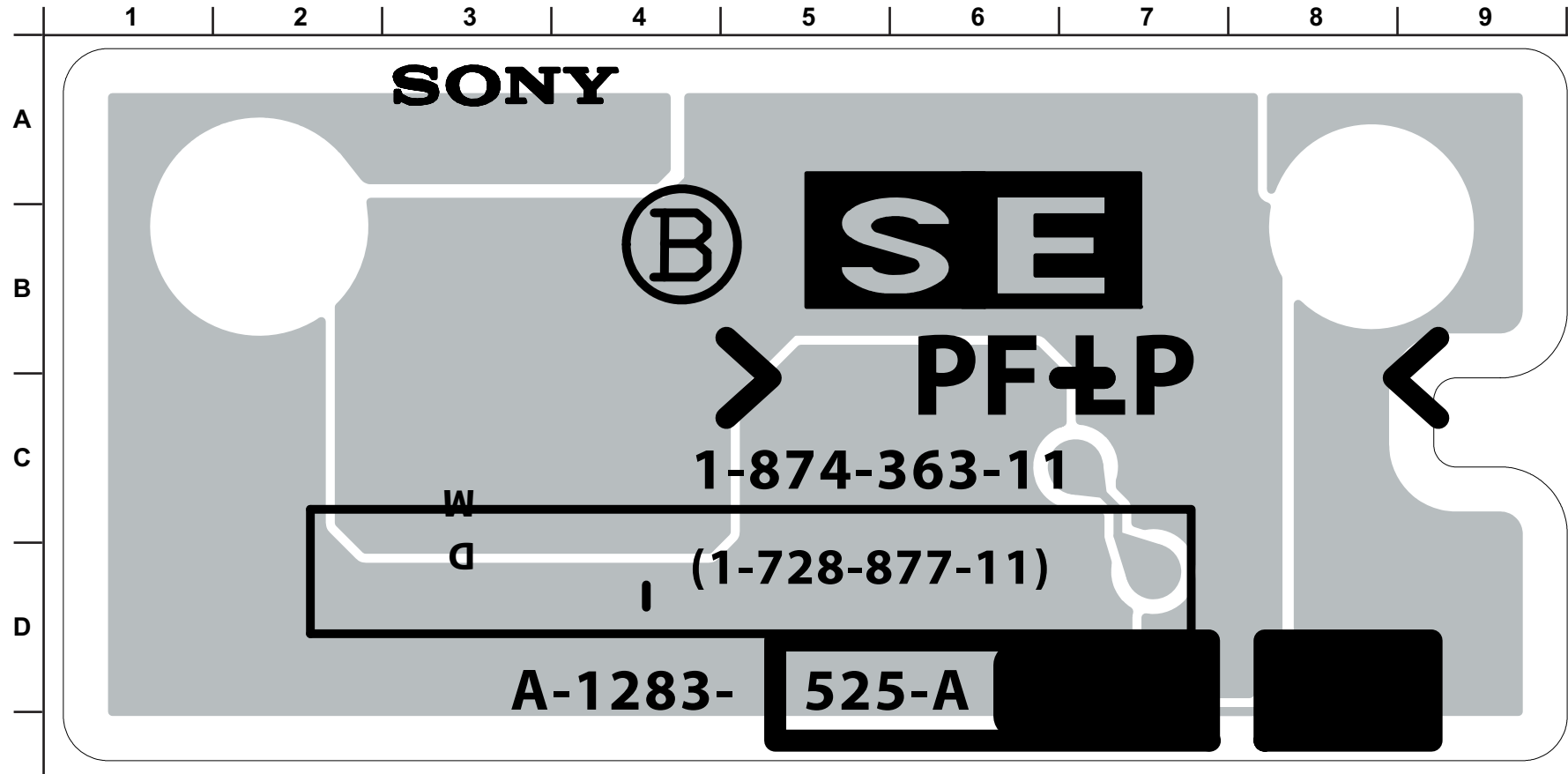
SE

[LAMP TEMPERATURE DETECTION]
COMPONENT SIDE

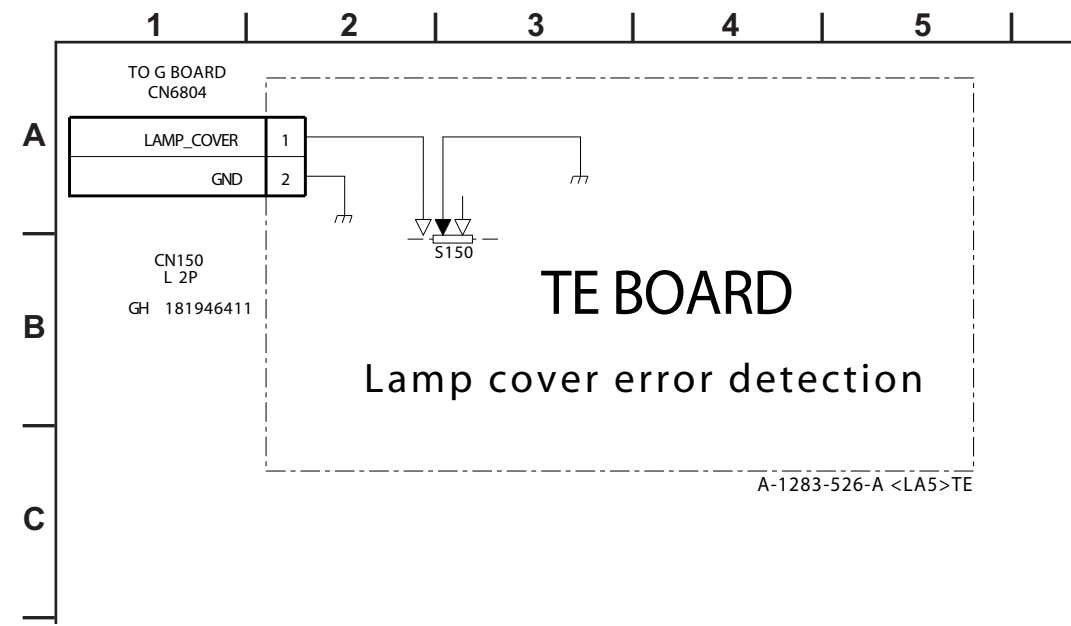


SE

[LAMP TEMPERATURE DETECTION]
CONDUCTOR SIDE



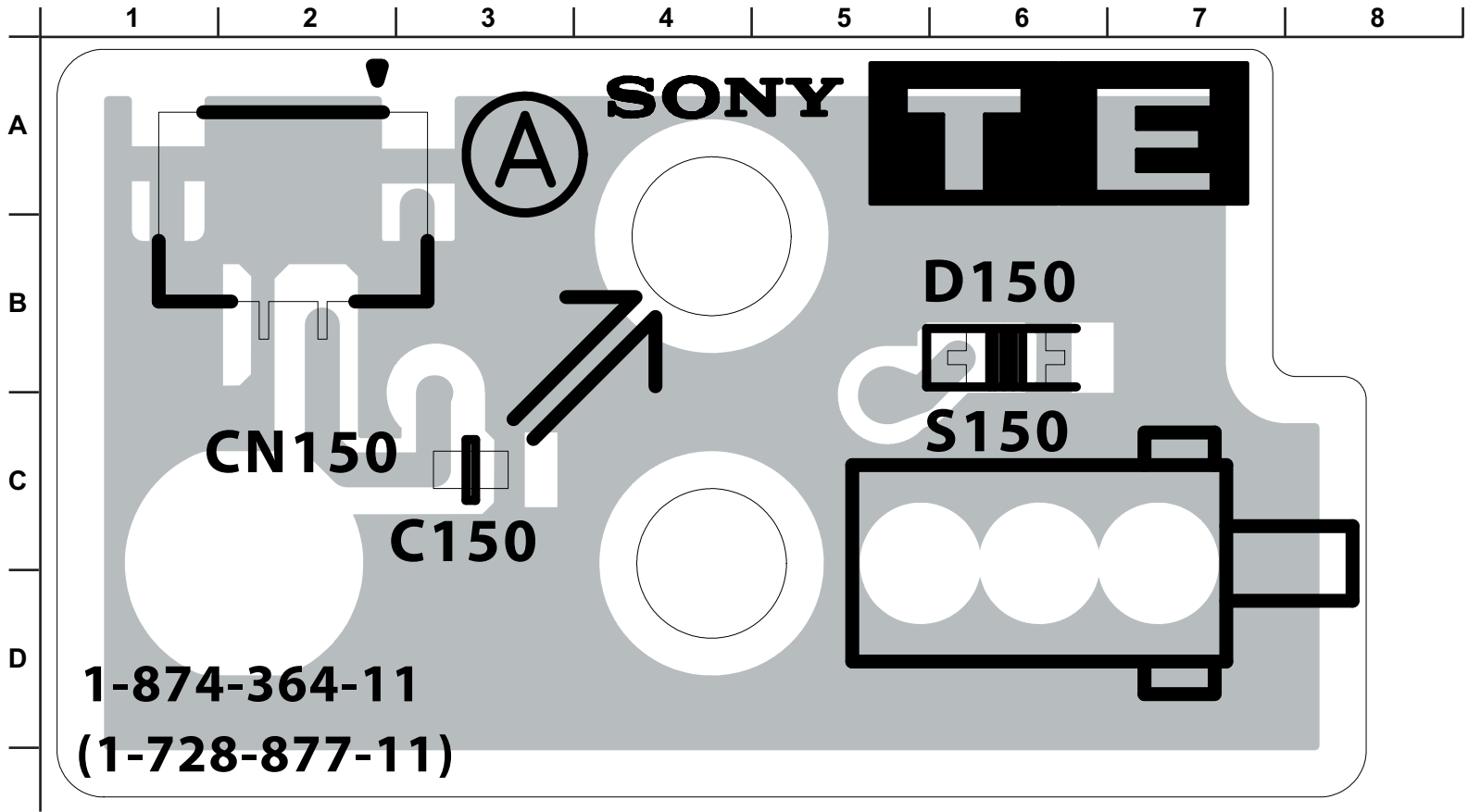
TE BOARD SCHEMATIC DIAGRAM



TE

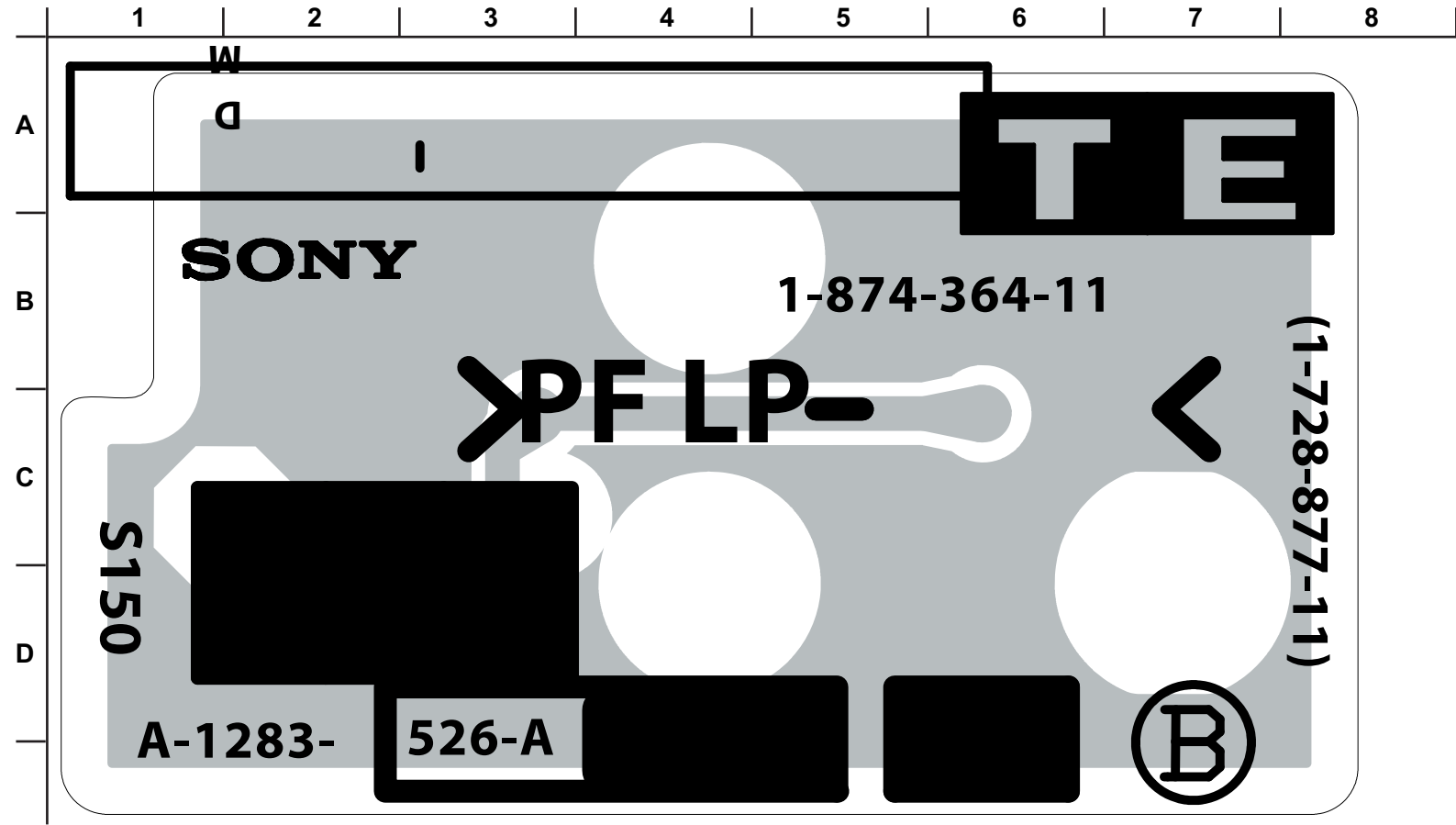
[LAMP COVER ERROR DETECTION]

COMPONENT SIDE

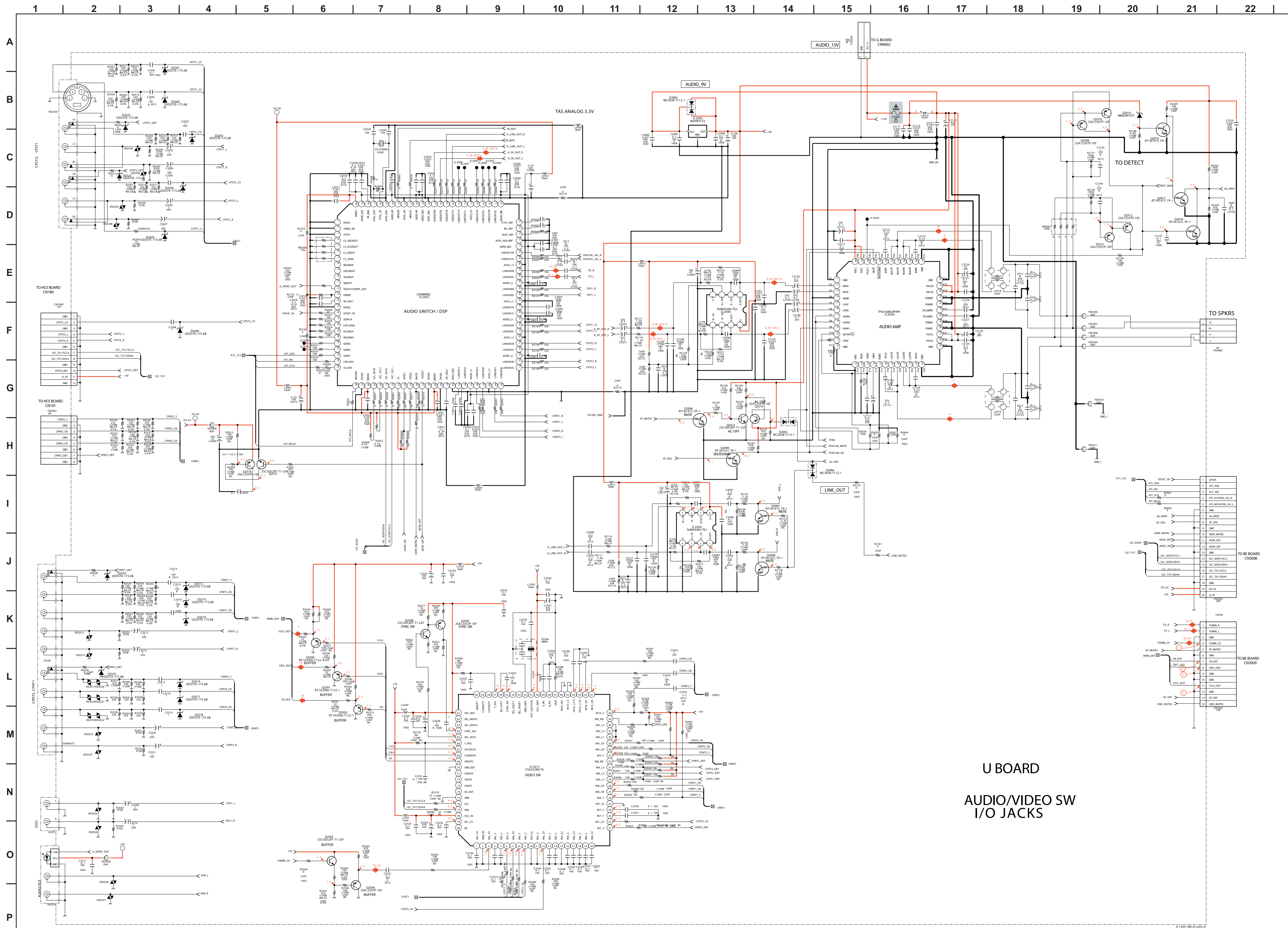


TE

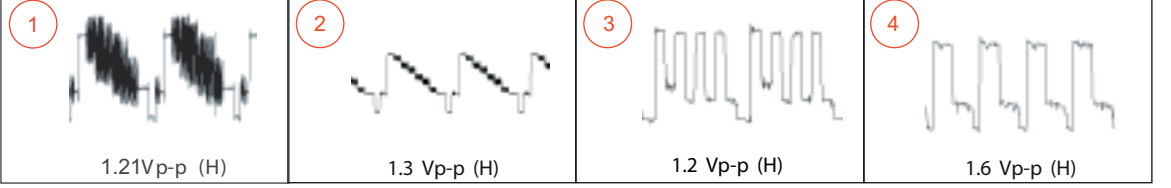
[LAMP COVER ERROR DETECTION]
CONDUCTOR SIDE



U BOARD SCHEMATIC DIAGRAM

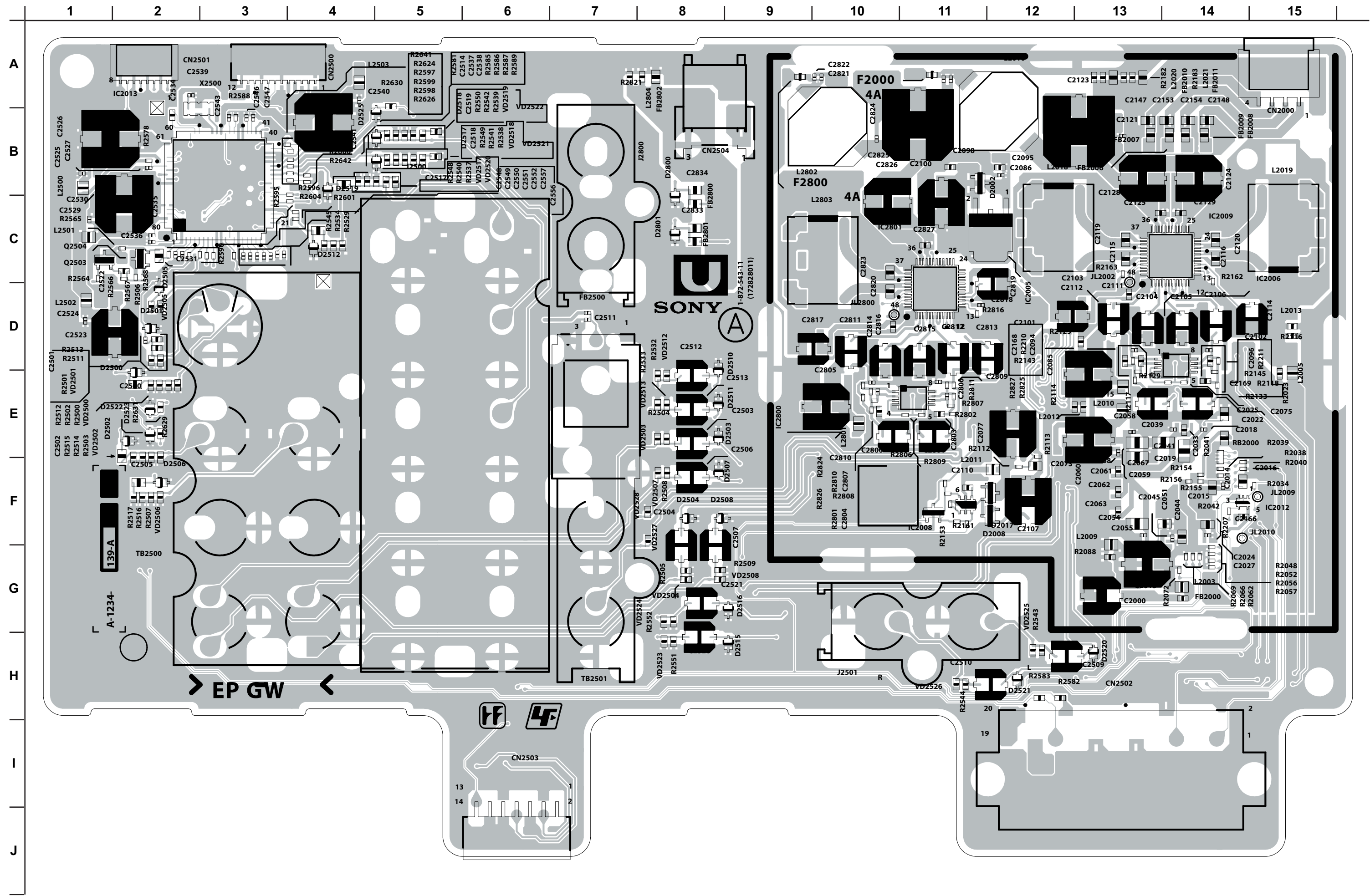


U BOARD WAVEFORMS



U BOARD
AUDIO/VIDEO SW
I/O JACKS

U [AUDIO/VIDEO SW, I/O JACKS]
COMPONENT SIDE

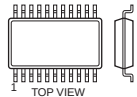


CONDUCTOR SIDE



3-5. SEMICONDUCTORS

LM75BIM-5/NOPB
M24C02-WMN6T(B)



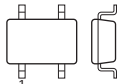
8 PINS

MCZ3001DB



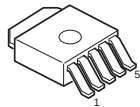
18 PINS

MM1431ATT
NJM2870F18 (TE2)
XXC6219B182MR

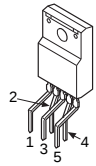


5 PINS

NJM2387DL2-TE1



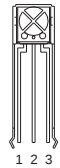
PQ1CG2032FZ



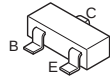
PQ30RV11



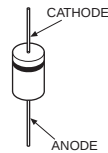
RPM7240-H8



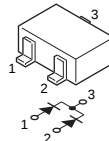
2SC1623-L5L6
UPA1716G



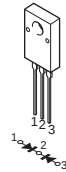
10ERB20-TB3
UF4005/23



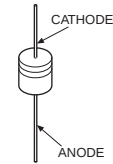
1SS184



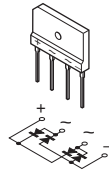
D10SC4M-F
D10SC6M-4012



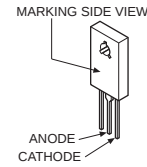
D2L20U-TA
RD8.2ES-B2



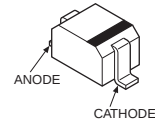
D2SB60A-F04
D2SB60L
D4SBL40
D4SBS6-F



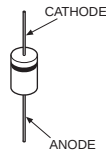
D5LC20U-4012



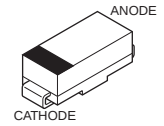
DTZ10B
HZU5.6GTRF
MA111-TX
UDZS-TE17-5.6B



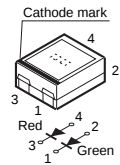
ERA22-08TP3



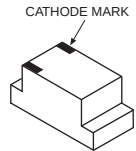
P6SMB39AT3
S3G



SML-020MVT-T86



SML-210MT-T86
SML-210VTT86
SML-310LTT86



SECTION 4: EXPLODED VIEWS

Components not identified by a part number or description are not stocked because they are seldom required for routine service.

The component parts of an assembly are indicated by the reference numbers in the far right column of the parts list and within the dotted lines of the diagram.

* Items marked with an asterisk are not stocked since they are seldom required for routine service. Expect some delay when ordering these components.

NOTE: The components identified by shading and  mark are critical for safety. Replace only with part number specified.

NOTE: Les composants identifiés par un trame et une marque  sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

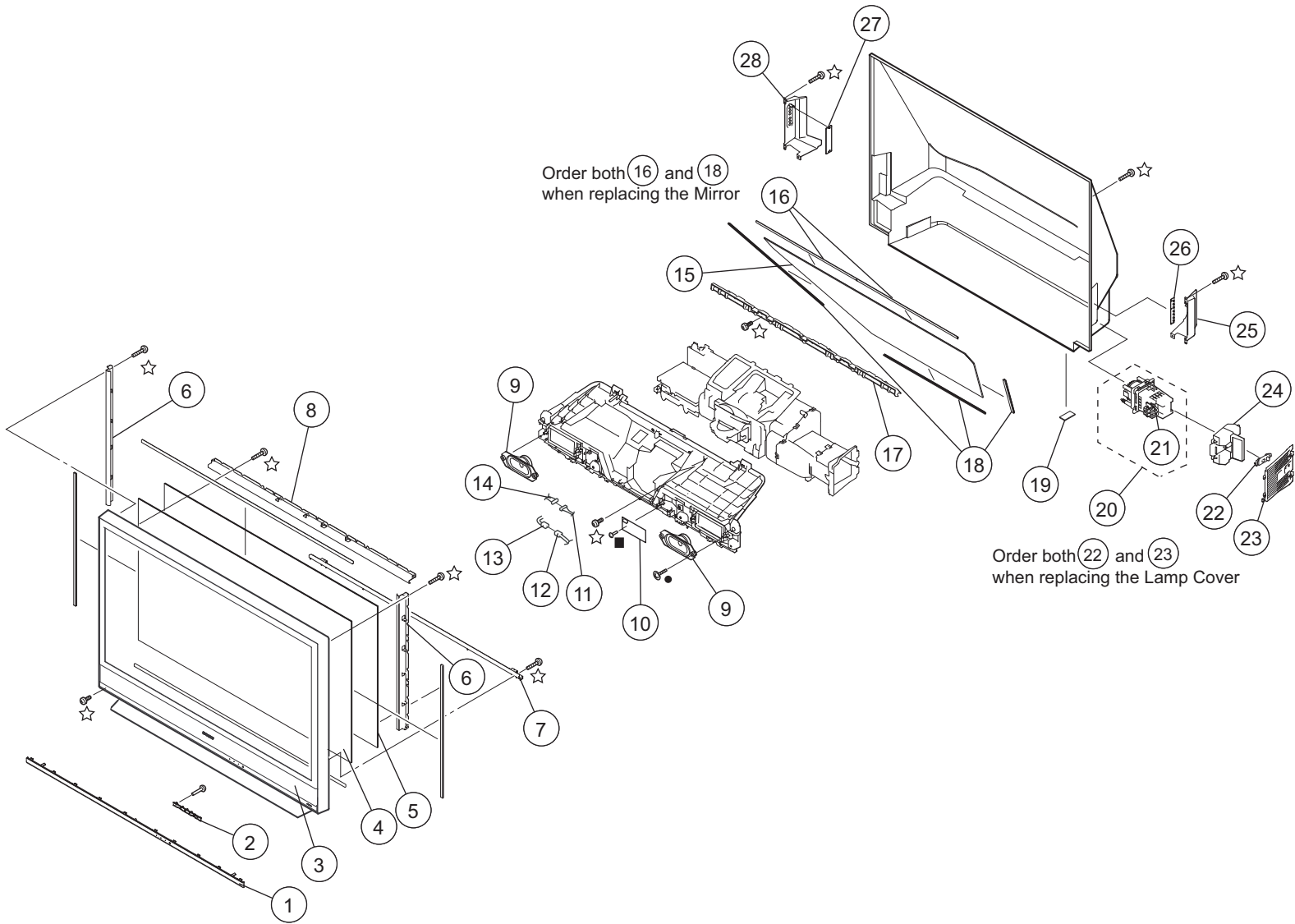
NOTE: The components identified by a red outline and a  mark contain confidential information. Specific instructions must be adhered to whenever these components are repaired and/or replaced. See Appendix A: Encryption Key Components in the back of this manual.

(Check the [Sony Electronics Service Information](#) website for any additional service related issues for this model.)

4-1. SCREEN FRAME AND MIRROR ASSEMBLIES

- 7-685-648-79
- SCREW +BVTP 3X12 TYPE2 IT-3
- ☆
- 2-580-640-01
- SCREW, +BVTP2 4X16
-
- 2-580-654-11
- SCREW, +PWTP2 4X16

Caution:
Be sure to clean the mirror and Diffusion Plate(s) to remove any dust particles when making any repairs.



REF. NO.	PART NO.	DESCRIPTION	[ASSEMBLY INCLUDES]	REF. NO.	PART NO.	DESCRIPTION	[ASSEMBLY INCLUDES]
1	3-093-062-01	ORNAMENTAL COVER (46) (KDF-46E3000 ONLY)		15	3-216-192-01	MIRROR (46) (KDF-46E3000 ONLY)	
1	3-093-063-01	ORNAMENTAL COVER (50) (KDF-50E3000 ONLY)				Order the Mirror Guards when replacing the Mirror.	
2	3-093-064-01	GUIDE LIGHT (E)		15	3-216-191-01	MIRROR (50) (KDF-50E3000 ONLY)	
3	X-2176-488-1	FRAME ASSEMBLY, SCREEN (46) (KDF-46E3000 ONLY)				Order the Mirror Guards when replacing the Mirror.	
3	X-2176-487-1	FRAME ASSEMBLY, SCREEN (50) (KDF-50E3000 ONLY)		16	3-215-399-31	GUARD, MIRROR EDGE (KDF-46E3000 ONLY)	
4	3-210-072-11	PLATE (E46L), DIFFUSION (KDF-46E3000 ONLY)		16	3-215-399-11	GUARD, MIRROR EDGE (KDF-50E3000 ONLY)	
4	3-210-070-11	PLATE (E50L), DIFFUSION (KDF-50E3000 ONLY)		17	3-093-091-01	MIRROR HOLDER (46) (KDF-46E3000 ONLY)	
5	3-210-073-11	PLATE (E46F), DIFFUSION (KDF-46E3000 ONLY)		17	3-093-092-01	MIRROR HOLDER (50) (KDF-50E3000 ONLY)	
5	3-210-071-11	PLATE (E50F), DIFFUSION (KDF-50E3000 ONLY)		18	3-215-399-21	GUARD, MIRROR EDGE (KDF-46E3000 ONLY)	
6	3-093-084-01	SCREEN HOLDER, SIDE (46) (KDF-46E3000 ONLY)		18	3-215-399-01	GUARD, MIRROR EDGE (KDF-50E3000 ONLY)	
6	3-093-085-01	SCREEN HOLDER, SIDE (50) (KDF-50E3000 ONLY)		19	4-097-548-01	CUSHION, FOOT	
7	3-093-086-01	SCREEN HOLDER, BOTTOM (46) (KDF-46E3000 ONLY)		*	20	F-93-0890-00	LAMP BLOCK ASSEMBLY [21]
7	3-093-087-01	SCREEN HOLDER, BOTTOM (50) (KDF-50E3000 ONLY)				(REPLACEMENT LAMP -100W, XL-2500 ULTRA HIGH PRESSURE LAMP)	
8	3-093-082-01	SCREEN HOLDER, TOP (46) (KDF-46E3000 ONLY)		21	1-833-910-11	LEAD WIRE WITH CONNECTOR (LAMP)	
8	3-093-083-01	SCREEN HOLDER, TOP (50) (KDF-50E3000 ONLY)		22	3-093-887-01	LEVER (LAMP COVER)	
9	1-826-652-11	LOUDSPEAKER (6.5X13CM)		23	3-093-098-01	LAMP COVER (E)	
10	A-1283-524-A	HBE BOARD, MOUNTED				Order the Lever when replacing the Lamp Cover.	
11	1-910-036-61	CONN ASSEMBLY, 9P ZHR 860		24	X-2179-628-1	LAMP DOOR ASSEMBLY	
12	1-910-036-68	CONN ASSEMBLY, 4P SPEAKER FASTON		25	3-093-060-01	SIDE CONTROL BRACKET (46) (KDF-46E3000 ONLY)	
13	1-910-036-67	CONN ASSEMBLY, 4P SPEAKER SMR		25	3-093-061-01	SIDE CONTROL BRACKET (50) (KDF-50E3000 ONLY)	
14	1-910-036-60	CONN ASSEMBLY, 9P ZMR 500		26	A-1234-133-A	HAE BOARD, MOUNTED	
				27	A-1234-134-A	HCE BOARD, MOUNTED	
				28	3-093-058-01	SIDE TERMINAL BRACKET (46) (KDF-46E3000 ONLY)	
				28	3-093-059-01	SIDE TERMINAL BRACKET (50) (KDF-50E3000 ONLY)	

NOTE: The components identified by shading and ⚠ mark are critical for safety. Replace only with part number specified.

NOTE: Les composants identifiés par un trame et une marque ⚠ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

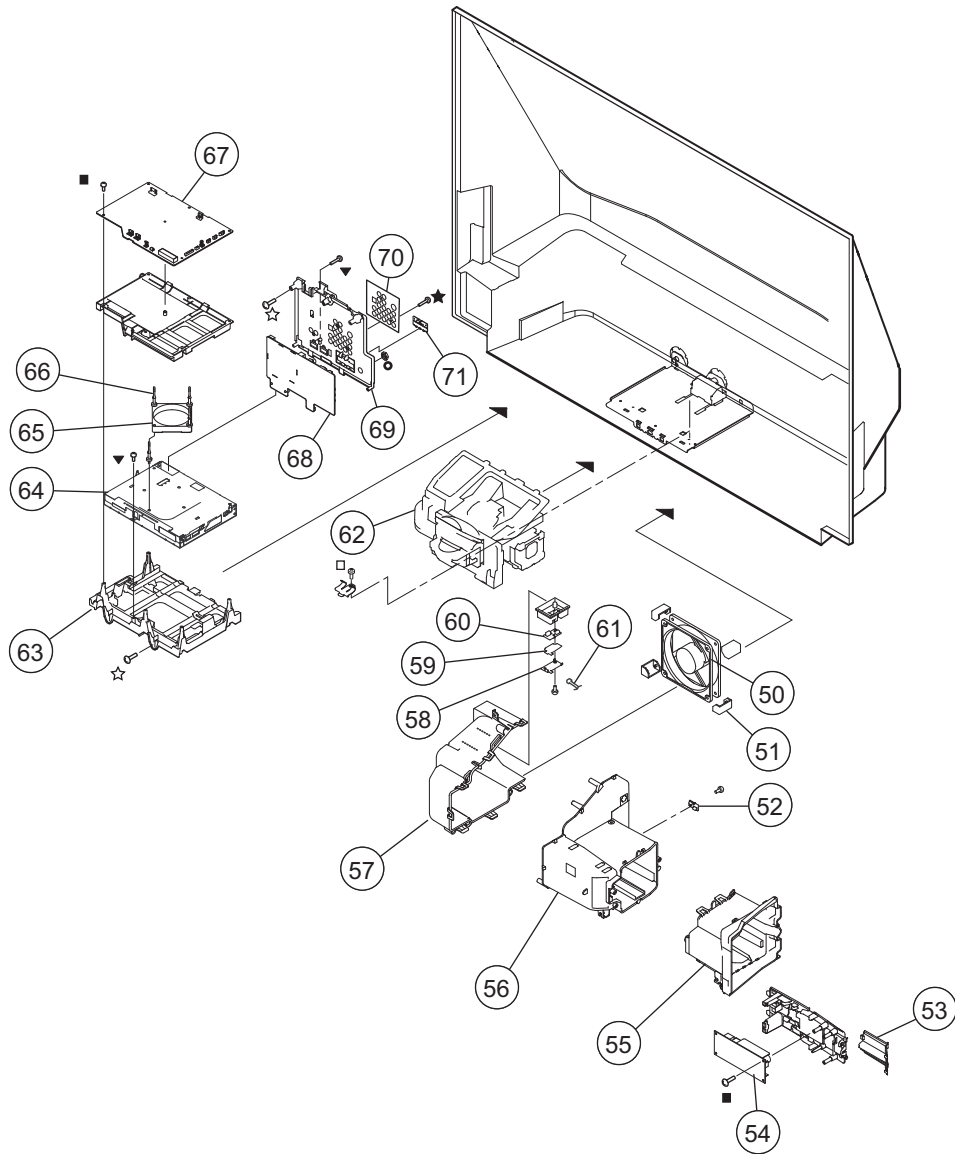
NOTE: The components identified by a red outline and a 🔒 mark contain confidential information. Specific instructions must be adhered to whenever these components are repaired and/or replaced. See Appendix A: Encryption Key Components in the back of this manual.

(Check the [Sony Electronics Service Information](#) website for any additional service related issues for this model.)

4-2. CHASSIS AND OPTICAL BLOCK ASSEMBLY

■	7-685-648-79	SCREW +BVTP 3X12 TYPE2 IT-3
☆	2-580-640-01	SCREW, +BVTP2 4X16
▼	4-382-854-01	SCREW (M3X8), P, SW (+)
○	3-682-691-00	NUT, WASHER HEXAGON
★	4-319-520-11	SCREW, SPECIAL (+PW4X30)
□	2-580-602-01	SCREW, +PSW M4X12

Caution:
When replacing the Optics Unit Block Assembly or the DC Fan be sure to remove any dust particles.



REF. NO.	PART NO.	DESCRIPTION	[ASSEMBLY INCLUDES]
⚠ 50	8-835-860-31	MOTOR, DC SFF21C/C-NP (FAN)	
51	2-655-780-11	CUSHION, FAN	
52	A-1283-526-A	TE BOARD, MOUNTED	
53	3-097-849-01	COVER, BALLAST LEAD	
54	8-597-056-00	POWER SUPPLY (BALLAST UNIT BAU-1003//Q)	
55	3-093-103-01	LAMP DUCT (EC)	
56	3-093-102-01	LAMP DUCT (EB)	
57	3-093-101-01	LAMP DUCT (EA)	
58	2-691-972-01	PLATE, FUSE	
59	2-691-973-01	SHEET, FUSE	
60	A-1283-525-A	SE BOARD, MOUNTED	
61	1-910-028-27	CONNECTOR ASSEMBLY 2P (THERMAL FUSE)	
62	A-1310-251-A	OPTICAL UNIT BLOCK ASSEMBLY (KDF-46E3000 ONLY)	
62	A-1310-249-A	OPTICAL UNIT BLOCK ASSEMBLY (KDF-50E3000 ONLY)	
* 63	3-093-538-01	BRACKET, MAIN	
🔒 64	A-1310-234-A	BE BOARD (BLOCK ASSEMBLY)	
Due to the complexity of this board, performing component level field repairs is not recommended. If service is required, complete board replacement is the preferred repair method.			
⚠ 65	1-787-333-21	D.C. FAN	
66	3-197-044-01	DAMPER, FAN	
67	A-1244-397-A	G BOARD, COMPLETE	
68	A-1243-786-A	U BOARD, COMPLETE	
* 69	3-093-541-01	BRACKET, TERMINAL	
70	3-094-835-01	LABEL, TERMINAL	
71	3-093-423-01	DOOR, SERVICE	

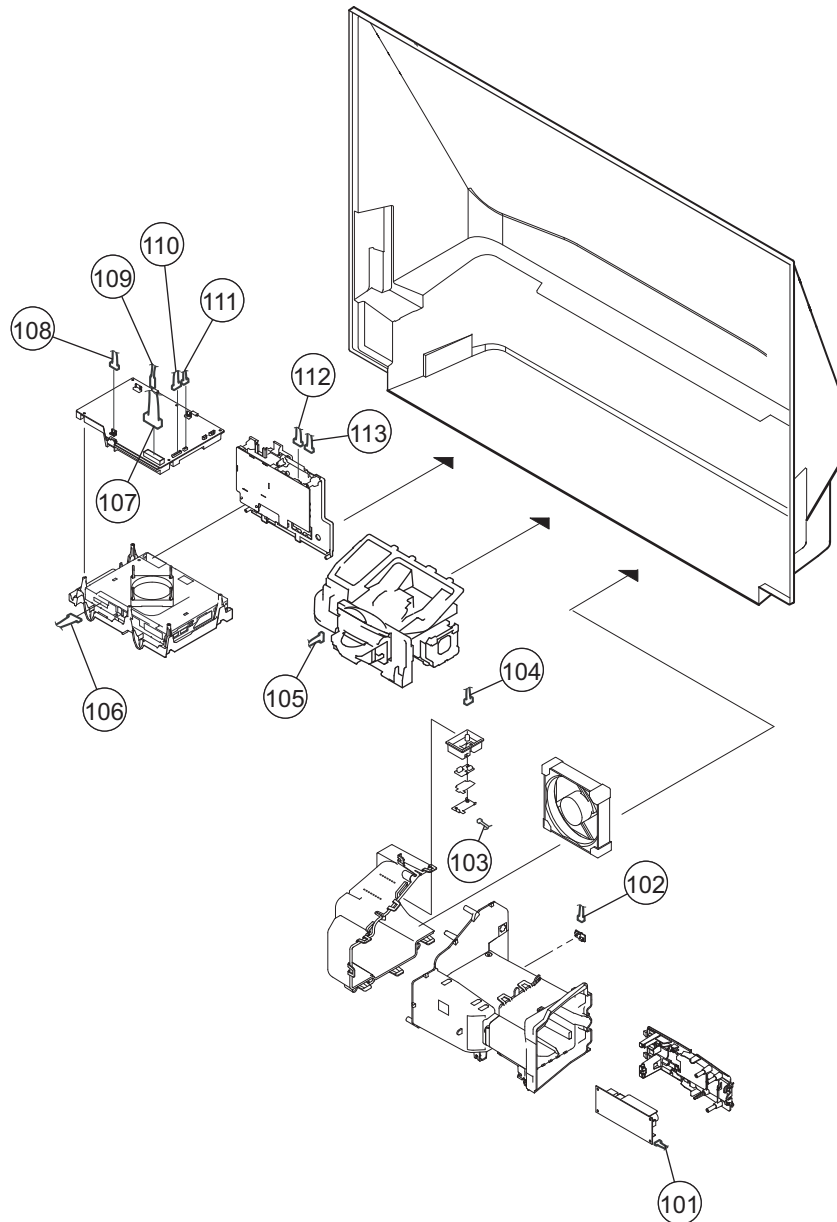
NOTE: The components identified by shading and  mark are critical for safety. Replace only with part number specified.

NOTE: Les composants identifiés par un trame et une marque  sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

NOTE: The components identified by a red outline and a  mark contain confidential information. Specific instructions must be adhered to whenever these components are repaired and/or replaced. See Appendix A: Encryption Key Components in the back of this manual.

(Check the [Sony Electronics Service Information](#) website for any additional service related issues for this model.)

4-3. CONNECTORS



REF. NO.	PART NO.	DESCRIPTION	[ASSEMBLY INCLUDES]	REF. NO.	PART NO.	DESCRIPTION	[ASSEMBLY INCLUDES]
101	1-910-036-58	CONN ASSEMBLY, 7P 455		109	1-910-035-11	WIRE ASSEMBLY, FASTON TERMINAL	
102	1-910-035-17	CONN ASSEMBLY, 3P SMR		110	1-910-036-56	HARNESS ASSEMBLY	
103	1-910-028-27	CONNECTOR ASSEMBLY 2P (THERMAL FUSE)		111	1-910-036-57	HARNESS ASSEMBLY	
104	1-910-036-64	CONN ASSEMBLY, 5P SMR 60		112	1-910-035-08	CONN ASSEMBLY, 3P VH 130	
105	1-910-036-66	CONN ASSEMBLY, 8P 200		113	1-910-036-65	HARNESS ASSEMBLY	
106	1-834-118-11	LEAD WIRE WITH CONNECTOR (LVDS)					
107	1-910-035-07	CONN ASSEMBLY, 40P					
108	1-910-036-59	CONN ASSEMBLY, 3P VH 1120					

SECTION 5: ELECTRICAL PARTS LIST

NOTE: The components identified by shading and  mark are critical for safety. Replace only with part number specified.

NOTE: Les composants identifiés par un trame et une marque  sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

* Items marked with an asterisk are not stocked since they are seldom required for routine service. Expect some delay when ordering these components.

NOTE: The components identified by a red outline and a  mark contain confidential information. Specific instructions must be adhered to whenever these components are repaired and/or replaced.

See Appendix A: Encryption Key Components in the back of this manual.

RESISTORS

- All resistors are in ohms
- F : nonflammable
- All variable and adjustable resistors have characteristic curve B, unless otherwise noted.



When ordering parts by reference number, please include the board name.

REF. NO.	PART NO.	DESCRIPTION	VALUES			REF. NO.	PART NO.	DESCRIPTION	VALUES		
BE A-1310-234-A BE BOARD (BLOCK ASSEMBLY)						C3036	1-162-970-11	CERAMIC CHIP	0.01μF	10%	25V
						C3037	1-107-826-11	CERAMIC CHIP	0.1μF	10%	16V
						C3038	1-164-937-11	CERAMIC CHIP	0.001μF	10%	50V
						C3039	1-107-826-11	CERAMIC CHIP	0.1μF	10%	16V
						C3040	1-164-856-81	CERAMIC CHIP	18pF	5%	50V
						C3041	1-164-854-11	CERAMIC CHIP	15pF	5%	50V
						C3042	1-107-826-11	CERAMIC CHIP	0.1μF	10%	16V
						C3043	1-164-937-11	CERAMIC CHIP	0.001μF	10%	50V
						C3044	1-107-826-11	CERAMIC CHIP	0.1μF	10%	16V
						C3045	1-107-826-11	CERAMIC CHIP	0.1μF	10%	16V
						C3046	1-164-854-11	CERAMIC CHIP	15pF	5%	50V
						C3047	1-164-854-11	CERAMIC CHIP	15pF	5%	50V
C3000	1-107-826-11	CERAMIC CHIP	0.1μF	10%	16V	C3050	1-107-826-11	CERAMIC CHIP	0.1μF	10%	16V
C3001	1-128-994-21	ELECT CHIP	47μF	20%	10V	C3051	1-127-931-21	ELECT CHIP	470μF	20%	16V
C3002	1-107-826-11	CERAMIC CHIP	0.1μF	10%	16V	C3052	1-164-156-11	CERAMIC CHIP	0.1μF		25V
C3003	1-128-994-21	ELECT CHIP	47μF	20%	10V	C3053	1-100-907-11	CERAMIC CHIP	0.1μF	10%	10V
C3004	1-107-826-11	CERAMIC CHIP	0.1μF	10%	16V	C3056	1-100-567-81	CERAMIC CHIP	0.01μF	10%	25V
C3005	1-162-970-11	CERAMIC CHIP	0.01μF	10%	25V	C3057	1-128-994-21	ELECT CHIP	47μF	20%	10V
C3006	1-126-205-11	ELECT CHIP	47μF	20%	6.3V	C3062	1-100-567-81	CERAMIC CHIP	0.01μF	10%	25V
C3007	1-107-826-11	CERAMIC CHIP	0.1μF	10%	16V	C3063	1-100-567-81	CERAMIC CHIP	0.01μF	10%	25V
C3008	1-126-205-11	ELECT CHIP	47μF	20%	6.3V	C3064	1-164-937-11	CERAMIC CHIP	0.001μF	10%	50V
C3009	1-107-826-11	CERAMIC CHIP	0.1μF	10%	16V	C3065	1-117-681-11	ELECT CHIP	100μF	20%	16V
C3010	1-107-826-11	CERAMIC CHIP	0.1μF	10%	16V	C3066	1-117-681-11	ELECT CHIP	100μF	20%	16V
C3011	1-162-970-11	CERAMIC CHIP	0.01μF	10%	25V	C3074	1-164-939-11	CERAMIC CHIP	0.0022μF	10%	50V
C3012	1-162-970-11	CERAMIC CHIP	0.01μF	10%	25V	C3075	1-125-779-21	CERAMIC CHIP	0.022μF	5%	25V
C3013	1-128-993-21	ELECT CHIP	22μF	20%	10V	C3078	1-107-826-11	CERAMIC CHIP	0.1μF	10%	16V
C3014	1-100-909-11	CERAMIC CHIP	10μF	10%	6.3V	C3079	1-117-681-11	ELECT CHIP	100μF	20%	16V
C3015	1-107-826-11	CERAMIC CHIP	0.1μF	10%	16V	C3080	1-100-567-81	CERAMIC CHIP	0.01μF	10%	25V
C3020	1-127-715-91	CERAMIC CHIP	0.22μF	10%	16V	C3082	1-117-681-11	ELECT CHIP	100μF	20%	16V
C3021	1-107-826-11	CERAMIC CHIP	0.1μF	10%	16V	C3083	1-100-567-81	CERAMIC CHIP	0.01μF	10%	25V
C3022	1-107-826-11	CERAMIC CHIP	0.1μF	10%	16V	C3084	1-100-152-91	CERAMIC CHIP	100pF	5%	100V
C3025	1-127-715-91	CERAMIC CHIP	0.22μF	10%	16V	C3085	1-100-152-91	CERAMIC CHIP	100pF	5%	100V
C3026	1-107-826-11	CERAMIC CHIP	0.1μF	10%	16V	C3086	1-100-152-91	CERAMIC CHIP	100pF	5%	100V
C3027	1-107-826-11	CERAMIC CHIP	0.1μF	10%	16V	C3087	1-125-777-11	CERAMIC CHIP	0.1μF	10%	10V
C3030	1-127-715-91	CERAMIC CHIP	0.22μF	10%	16V						
C3031	1-107-826-11	CERAMIC CHIP	0.1μF	10%	16V						
C3032	1-107-826-11	CERAMIC CHIP	0.1μF	10%	16V						
C3033	1-107-826-11	CERAMIC CHIP	0.1μF	10%	16V						
C3034	1-164-872-11	CERAMIC CHIP	82pF	5%	50V						
C3035	1-117-681-11	ELECT CHIP	100μF	20%	16V						



REF. NO.	PART NO.	DESCRIPTION	VALUES			REF. NO.	PART NO.	DESCRIPTION	VALUES		
C3088	1-125-777-11	CERAMIC CHIP	0.1μF	10%	10V	C3239	1-107-826-11	CERAMIC CHIP	0.1μF	10%	16V
C3089	1-125-777-11	CERAMIC CHIP	0.1μF	10%	10V	C3240	1-107-826-11	CERAMIC CHIP	0.1μF	10%	16V
C3090	1-107-826-11	CERAMIC CHIP	0.1μF	10%	16V	C3241	1-107-826-11	CERAMIC CHIP	0.1μF	10%	16V
						C3242	1-107-826-11	CERAMIC CHIP	0.1μF	10%	16V
C3093	1-100-567-81	CERAMIC CHIP	0.01μF	10%	25V	C3243	1-126-205-11	ELECT CHIP	47μF	20%	6.3V
C3095	1-164-937-11	CERAMIC CHIP	0.001μF	10%	50V						
C3200	1-100-567-81	CERAMIC CHIP	0.01μF	10%	25V	C3246	1-100-567-81	CERAMIC CHIP	0.01μF	10%	25V
C3201	1-126-206-11	ELECT CHIP	100μF	20%	6.3V	C3247	1-126-206-11	ELECT CHIP	100μF	20%	6.3V
C3202	1-126-206-11	ELECT CHIP	100μF	20%	6.3V	C3249	1-100-567-81	CERAMIC CHIP	0.01μF	10%	25V
						C3250	1-162-970-11	CERAMIC CHIP	0.01μF	10%	25V
C3203	1-107-826-11	CERAMIC CHIP	0.1μF	10%	16V	C3251	1-162-970-11	CERAMIC CHIP	0.01μF	10%	25V
C3204	1-100-567-81	CERAMIC CHIP	0.01μF	10%	25V						
C3205	1-100-567-81	CERAMIC CHIP	0.01μF	10%	25V	C3252	1-162-970-11	CERAMIC CHIP	0.01μF	10%	25V
C3206	1-100-567-81	CERAMIC CHIP	0.01μF	10%	25V	C3253	1-162-970-11	CERAMIC CHIP	0.01μF	10%	25V
C3207	1-100-567-81	CERAMIC CHIP	0.01μF	10%	25V	C3256	1-162-970-11	CERAMIC CHIP	0.01μF	10%	25V
						C3257	1-126-208-21	ELECT CHIP	47μF	20%	4V
C3208	1-107-826-11	CERAMIC CHIP	0.1μF	10%	16V	C3259	1-162-970-11	CERAMIC CHIP	0.01μF	10%	25V
C3209	1-100-567-81	CERAMIC CHIP	0.01μF	10%	25V						
C3210	1-100-567-81	CERAMIC CHIP	0.01μF	10%	25V	C3260	1-100-567-81	CERAMIC CHIP	0.01μF	10%	25V
C3211	1-100-567-81	CERAMIC CHIP	0.01μF	10%	25V	C3269	1-117-681-11	ELECT CHIP	100μF	20%	16V
C3212	1-100-567-81	CERAMIC CHIP	0.01μF	10%	25V	C3271	1-107-826-11	CERAMIC CHIP	0.1μF	10%	16V
						C3272	1-128-993-21	ELECT CHIP	22μF	20%	10V
C3213	1-100-567-81	CERAMIC CHIP	0.01μF	10%	25V	C3273	1-128-993-21	ELECT CHIP	22μF	20%	10V
C3214	1-100-909-11	CERAMIC CHIP	10μF	10%	6.3V						
C3215	1-100-567-81	CERAMIC CHIP	0.01μF	10%	25V	C3277	1-126-206-11	ELECT CHIP	100μF	20%	6.3V
C3216	1-165-908-11	CERAMIC CHIP	1μF	10%	10V	C3281	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C3217	1-107-826-11	CERAMIC CHIP	0.1μF	10%	16V	C3290	1-124-779-00	ELECT CHIP	10μF	20%	16V
						C3291	1-124-779-00	ELECT CHIP	10μF	20%	16V
C3218	1-100-909-11	CERAMIC CHIP	10μF	10%	6.3V	C3292	1-124-779-00	ELECT CHIP	10μF	20%	16V
C3219	1-165-908-11	CERAMIC CHIP	1μF	10%	10V						
C3220	1-107-826-11	CERAMIC CHIP	0.1μF	10%	16V	C3298	1-107-826-11	CERAMIC CHIP	0.1μF	10%	16V
C3221	1-107-826-11	CERAMIC CHIP	0.1μF	10%	16V	C3299	1-107-826-11	CERAMIC CHIP	0.1μF	10%	16V
C3222	1-107-826-11	CERAMIC CHIP	0.1μF	10%	16V	C3300	1-107-826-11	CERAMIC CHIP	0.1μF	10%	16V
						C3302	1-126-206-11	ELECT CHIP	100μF	20%	6.3V
C3223	1-162-970-11	CERAMIC CHIP	0.01μF	10%	25V	C3304	1-126-206-11	ELECT CHIP	100μF	20%	6.3V
C3224	1-124-779-00	ELECT CHIP	10μF	20%	16V						
C3226	1-126-206-11	ELECT CHIP	100μF	20%	6.3V	C3305	1-100-907-11	CERAMIC CHIP	0.1μF	10%	10V
C3227	1-107-826-11	CERAMIC CHIP	0.1μF	10%	16V	C3306	1-126-206-11	ELECT CHIP	100μF	20%	6.3V
C3228	1-107-826-11	CERAMIC CHIP	0.1μF	10%	16V	C3309	1-126-206-11	ELECT CHIP	100μF	20%	6.3V
						C3311	1-126-206-11	ELECT CHIP	100μF	20%	6.3V
C3229	1-107-826-11	CERAMIC CHIP	0.1μF	10%	16V	C3312	1-107-826-11	CERAMIC CHIP	0.1μF	10%	16V
C3230	1-126-206-11	ELECT CHIP	100μF	20%	6.3V						
C3231	1-107-826-11	CERAMIC CHIP	0.1μF	10%	16V	C3313	1-107-826-11	CERAMIC CHIP	0.1μF	10%	16V
C3232	1-107-826-11	CERAMIC CHIP	0.1μF	10%	16V	C3314	1-164-854-11	CERAMIC CHIP	15pF	5%	50V
C3233	1-165-908-11	CERAMIC CHIP	1μF	10%	10V	C3315	1-164-937-11	CERAMIC CHIP	0.001μF	10%	50V
						C3316	1-164-854-11	CERAMIC CHIP	15pF	5%	50V
C3234	1-126-206-11	ELECT CHIP	100μF	20%	6.3V	C3317	1-164-937-11	CERAMIC CHIP	0.001μF	10%	50V
C3235	1-100-567-81	CERAMIC CHIP	0.01μF	10%	25V						
C3236	1-100-909-11	CERAMIC CHIP	10μF	10%	6.3V	C3318	1-112-781-11	CERAMIC CHIP	1μF	10%	10V
C3237	1-100-909-11	CERAMIC CHIP	10μF	10%	6.3V	C3319	1-100-909-11	CERAMIC CHIP	10μF	10%	6.3V
C3238	1-107-826-11	CERAMIC CHIP	0.1μF	10%	16V	C3320	1-100-906-11	CERAMIC CHIP	0.01μF	10%	16V
						C3321	1-126-206-11	ELECT CHIP	100μF	20%	6.3V
						C3322	1-162-970-11	CERAMIC CHIP	0.01μF	10%	25V



REF. NO.	PART NO.	DESCRIPTION	VALUES			REF. NO.	PART NO.	DESCRIPTION	VALUES		
C3326	1-164-868-11	CERAMIC CHIP	56pF	5%	50V	C4558	1-100-905-11	CERAMIC CHIP	0.001μF	10%	50V
C3327	1-131-661-21	ELECT CHIP	100μF	20%	10V	C4561	1-100-906-11	CERAMIC CHIP	0.01μF	10%	16V
C3328	1-107-826-11	CERAMIC CHIP	0.1μF	10%	16V	C4562	1-126-394-11	ELECT CHIP	10μF	20%	16V
C3329	1-107-826-11	CERAMIC CHIP	0.1μF	10%	16V	C4563	1-100-906-11	CERAMIC CHIP	0.01μF	10%	16V
C3667	1-162-970-11	CERAMIC CHIP	0.01μF	10%	25V	C4565	1-100-905-11	CERAMIC CHIP	0.001μF	10%	50V
C3668	1-126-394-11	ELECT CHIP	10μF	20%	16V	C4566	1-100-905-11	CERAMIC CHIP	0.001μF	10%	50V
C3670	1-164-858-11	CERAMIC CHIP	22pF	5%	50V	C4568	1-100-905-11	CERAMIC CHIP	0.001μF	10%	50V
C3671	1-164-858-11	CERAMIC CHIP	22pF	5%	50V	C4569	1-126-394-11	ELECT CHIP	10μF	20%	16V
C3676	1-162-970-11	CERAMIC CHIP	0.01μF	10%	25V	C4570	1-100-906-11	CERAMIC CHIP	0.01μF	10%	16V
C3808	1-164-882-11	CERAMIC CHIP	220pF	5%	16V	C4572	1-126-394-11	ELECT CHIP	10μF	20%	16V
C3809	1-100-907-11	CERAMIC CHIP	0.1μF	10%	10V	C5000	1-126-390-11	ELECT CHIP	22μF	20%	6.3V
C4506	1-125-777-11	CERAMIC CHIP	0.1μF	10%	10V	C5001	1-126-390-11	ELECT CHIP	22μF	20%	6.3V
C4507	1-125-777-11	CERAMIC CHIP	0.1μF	10%	10V	C5002	1-100-905-11	CERAMIC CHIP	0.001μF	10%	50V
C4513	1-100-567-81	CERAMIC CHIP	0.01μF	10%	25V	C5003	1-126-390-11	ELECT CHIP	22μF	20%	6.3V
C4515	1-164-937-11	CERAMIC CHIP	0.001μF	10%	50V	C5004	1-100-907-11	CERAMIC CHIP	0.1μF	10%	10V
C4519	1-164-937-11	CERAMIC CHIP	0.001μF	10%	50V	C5005	1-100-905-11	CERAMIC CHIP	0.001μF	10%	50V
C4521	1-100-567-81	CERAMIC CHIP	0.01μF	10%	25V	C5006	1-100-905-11	CERAMIC CHIP	0.001μF	10%	50V
C4523	1-164-937-11	CERAMIC CHIP	0.001μF	10%	50V	C5007	1-100-907-11	CERAMIC CHIP	0.1μF	10%	10V
C4524	1-100-567-81	CERAMIC CHIP	0.01μF	10%	25V	C5008	1-126-390-11	ELECT CHIP	22μF	20%	6.3V
C4525	1-124-779-00	ELECT CHIP	10μF	20%	16V	C5009	1-100-907-11	CERAMIC CHIP	0.1μF	10%	10V
C4526	1-125-777-11	CERAMIC CHIP	0.1μF	10%	10V	C5010	1-100-905-11	CERAMIC CHIP	0.001μF	10%	50V
C4528	1-164-937-11	CERAMIC CHIP	0.001μF	10%	50V	C5011	1-100-905-11	CERAMIC CHIP	0.001μF	10%	50V
C4529	1-124-779-00	ELECT CHIP	10μF	20%	16V	C5012	1-100-905-11	CERAMIC CHIP	0.001μF	10%	50V
C4532	1-126-394-11	ELECT CHIP	10μF	20%	16V	C5013	1-100-907-11	CERAMIC CHIP	0.1μF	10%	10V
C4533	1-125-777-11	CERAMIC CHIP	0.1μF	10%	10V	C5014	1-100-905-11	CERAMIC CHIP	0.001μF	10%	50V
C4534	1-100-906-11	CERAMIC CHIP	0.01μF	10%	16V	C5015	1-100-905-11	CERAMIC CHIP	0.001μF	10%	50V
C4535	1-165-989-11	CERAMIC CHIP	10μF	10%	6.3V	C5016	1-100-907-11	CERAMIC CHIP	0.1μF	10%	10V
C4536	1-126-394-11	ELECT CHIP	10μF	20%	16V	C5017	1-100-907-11	CERAMIC CHIP	0.1μF	10%	10V
C4537	1-126-394-11	ELECT CHIP	10μF	20%	16V	C5018	1-100-905-11	CERAMIC CHIP	0.001μF	10%	50V
C4538	1-100-905-11	CERAMIC CHIP	0.001μF	10%	50V	C5019	1-100-907-11	CERAMIC CHIP	0.1μF	10%	10V
C4539	1-100-905-11	CERAMIC CHIP	0.001μF	10%	50V	C5020	1-100-907-11	CERAMIC CHIP	0.1μF	10%	10V
C4540	1-100-905-11	CERAMIC CHIP	0.001μF	10%	50V	C5021	1-100-905-11	CERAMIC CHIP	0.001μF	10%	50V
C4541	1-100-905-11	CERAMIC CHIP	0.001μF	10%	50V	C5022	1-100-907-11	CERAMIC CHIP	0.1μF	10%	10V
C4542	1-100-905-11	CERAMIC CHIP	0.001μF	10%	50V	C5023	1-100-905-11	CERAMIC CHIP	0.001μF	10%	50V
C4543	1-100-906-11	CERAMIC CHIP	0.01μF	10%	16V	C5024	1-100-907-11	CERAMIC CHIP	0.1μF	10%	10V
C4544	1-100-906-11	CERAMIC CHIP	0.01μF	10%	16V	C5025	1-100-907-11	CERAMIC CHIP	0.1μF	10%	10V
C4545	1-100-905-11	CERAMIC CHIP	0.001μF	10%	50V	C5026	1-100-907-11	CERAMIC CHIP	0.1μF	10%	10V
C4550	1-164-852-11	CERAMIC CHIP	12pF	5%	50V	C5027	1-100-906-11	CERAMIC CHIP	0.01μF	10%	16V
C4551	1-164-852-11	CERAMIC CHIP	12pF	5%	50V	C5028	1-100-907-11	CERAMIC CHIP	0.1μF	10%	10V
C4552	1-100-905-11	CERAMIC CHIP	0.001μF	10%	50V	C5029	1-100-907-11	CERAMIC CHIP	0.1μF	10%	10V
C4553	1-100-905-11	CERAMIC CHIP	0.001μF	10%	50V	C5030	1-100-907-11	CERAMIC CHIP	0.1μF	10%	10V
C4554	1-100-905-11	CERAMIC CHIP	0.001μF	10%	50V	C5031	1-100-907-11	CERAMIC CHIP	0.1μF	10%	10V
C4555	1-100-905-11	CERAMIC CHIP	0.001μF	10%	50V	C5032	1-100-905-11	CERAMIC CHIP	0.001μF	10%	50V
C4556	1-100-905-11	CERAMIC CHIP	0.001μF	10%	50V	C5033	1-100-905-11	CERAMIC CHIP	0.001μF	10%	50V
C4557	1-100-905-11	CERAMIC CHIP	0.001μF	10%	50V	C5034	1-100-905-11	CERAMIC CHIP	0.001μF	10%	50V



REF. NO.	PART NO.	DESCRIPTION	VALUES			REF. NO.	PART NO.	DESCRIPTION	VALUES		
C5035	1-100-905-11	CERAMIC CHIP	0.001μF	10%	50V	C5141	1-100-909-11	CERAMIC CHIP	10μF	10%	6.3V
C5036	1-100-905-11	CERAMIC CHIP	0.001μF	10%	50V	C5142	1-126-391-11	ELECT CHIP	47μF	20%	6.3V
C5037	1-100-907-11	CERAMIC CHIP	0.1μF	10%	10V	C5143	1-100-906-11	CERAMIC CHIP	0.01μF	10%	16V
C5038	1-100-905-11	CERAMIC CHIP	0.001μF	10%	50V	C5144	1-164-874-11	CERAMIC CHIP	100pF	5%	50V
C5040	1-100-907-11	CERAMIC CHIP	0.1μF	10%	10V	C5145	1-164-874-11	CERAMIC CHIP	100pF	5%	50V
C5041	1-100-906-11	CERAMIC CHIP	0.01μF	10%	16V	C5146	1-164-874-11	CERAMIC CHIP	100pF	5%	50V
C5042	1-126-390-11	ELECT CHIP	22μF	20%	6.3V	C5147	1-100-909-11	CERAMIC CHIP	10μF	10%	6.3V
C5043	1-112-046-11	CERAMIC CHIP	4.7μF	10%	6.3V	C5148	1-164-874-11	CERAMIC CHIP	100pF	5%	50V
C5046	1-126-390-11	ELECT CHIP	22μF	20%	6.3V	C5149	1-164-874-11	CERAMIC CHIP	100pF	5%	50V
C5047	1-100-907-11	CERAMIC CHIP	0.1μF	10%	10V	C5150	1-100-909-11	CERAMIC CHIP	10μF	10%	6.3V
C5101	1-164-874-11	CERAMIC CHIP	100pF	5%	50V	C5151	1-100-909-11	CERAMIC CHIP	10μF	10%	6.3V
C5103	1-100-906-11	CERAMIC CHIP	0.01μF	10%	16V	C5152	1-126-391-11	ELECT CHIP	47μF	20%	6.3V
C5104	1-164-874-11	CERAMIC CHIP	100pF	5%	50V	C5153	1-164-874-11	CERAMIC CHIP	100pF	5%	50V
C5105	1-100-906-11	CERAMIC CHIP	0.01μF	10%	16V	C5155	1-100-906-11	CERAMIC CHIP	0.01μF	10%	16V
C5106	1-100-906-11	CERAMIC CHIP	0.01μF	10%	16V	C5160	1-100-906-11	CERAMIC CHIP	0.01μF	10%	16V
C5107	1-164-874-11	CERAMIC CHIP	100pF	5%	50V	C5161	1-100-906-11	CERAMIC CHIP	0.01μF	10%	16V
C5109	1-100-906-11	CERAMIC CHIP	0.01μF	10%	16V	C5162	1-164-874-11	CERAMIC CHIP	100pF	5%	50V
C5110	1-100-906-11	CERAMIC CHIP	0.01μF	10%	16V	C5163	1-164-874-11	CERAMIC CHIP	100pF	5%	50V
C5111	1-164-874-11	CERAMIC CHIP	100pF	5%	50V	C5164	1-100-906-11	CERAMIC CHIP	0.01μF	10%	16V
C5112	1-100-906-11	CERAMIC CHIP	0.01μF	10%	16V	C5165	1-164-874-11	CERAMIC CHIP	100pF	5%	50V
C5113	1-100-906-11	CERAMIC CHIP	0.01μF	10%	16V	C5166	1-100-906-11	CERAMIC CHIP	0.01μF	10%	16V
C5115	1-164-874-11	CERAMIC CHIP	100pF	5%	50V	C5167	1-100-906-11	CERAMIC CHIP	0.01μF	10%	16V
C5116	1-164-874-11	CERAMIC CHIP	100pF	5%	50V	C5170	1-112-064-11	CERAMIC CHIP	2.2μF	10%	10V
C5117	1-100-906-11	CERAMIC CHIP	0.01μF	10%	16V	C5171	1-126-391-11	ELECT CHIP	47μF	20%	6.3V
C5118	1-164-874-11	CERAMIC CHIP	100pF	5%	50V	C5172	1-164-874-11	CERAMIC CHIP	100pF	5%	50V
C5119	1-100-906-11	CERAMIC CHIP	0.01μF	10%	16V	C5173	1-100-906-11	CERAMIC CHIP	0.01μF	10%	16V
C5120	1-100-906-11	CERAMIC CHIP	0.01μF	10%	16V	C5174	1-100-909-11	CERAMIC CHIP	10μF	10%	6.3V
C5121	1-164-874-11	CERAMIC CHIP	100pF	5%	50V	C5175	1-100-907-11	CERAMIC CHIP	0.1μF	10%	10V
C5123	1-100-906-11	CERAMIC CHIP	0.01μF	10%	16V	C5176	1-100-909-11	CERAMIC CHIP	10μF	10%	6.3V
C5124	1-100-906-11	CERAMIC CHIP	0.01μF	10%	16V	C5177	1-100-909-11	CERAMIC CHIP	10μF	10%	6.3V
C5125	1-164-874-11	CERAMIC CHIP	100pF	5%	50V	C5178	1-100-909-11	CERAMIC CHIP	10μF	10%	6.3V
C5126	1-164-874-11	CERAMIC CHIP	100pF	5%	50V	C5179	1-164-847-11	CERAMIC CHIP	7pF	0.50pF	50V
C5128	1-100-906-11	CERAMIC CHIP	0.01μF	10%	16V	C5180	1-164-847-11	CERAMIC CHIP	7pF	0.50pF	50V
C5129	1-164-874-11	CERAMIC CHIP	100pF	5%	50V	C5184	1-100-906-11	CERAMIC CHIP	0.01μF	10%	16V
C5130	1-100-906-11	CERAMIC CHIP	0.01μF	10%	16V	C5185	1-100-906-11	CERAMIC CHIP	0.01μF	10%	16V
C5131	1-100-906-11	CERAMIC CHIP	0.01μF	10%	16V	C5188	1-100-907-11	CERAMIC CHIP	0.1μF	10%	10V
C5132	1-164-874-11	CERAMIC CHIP	100pF	5%	50V	C5190	1-100-906-11	CERAMIC CHIP	0.01μF	10%	16V
C5133	1-164-874-11	CERAMIC CHIP	100pF	5%	50V	C5191	1-100-907-11	CERAMIC CHIP	0.1μF	10%	10V
C5134	1-100-906-11	CERAMIC CHIP	0.01μF	10%	16V	C5192	1-100-909-11	CERAMIC CHIP	10μF	10%	6.3V
C5135	1-100-906-11	CERAMIC CHIP	0.01μF	10%	16V	C5194	1-100-907-11	CERAMIC CHIP	0.1μF	10%	10V
C5136	1-126-391-11	ELECT CHIP	47μF	20%	6.3V	C5199	1-100-907-11	CERAMIC CHIP	0.1μF	10%	10V
C5137	1-164-874-11	CERAMIC CHIP	100pF	5%	50V	C5200	1-100-906-11	CERAMIC CHIP	0.01μF	10%	16V
C5138	1-100-909-11	CERAMIC CHIP	10μF	10%	6.3V	C5201	1-100-907-11	CERAMIC CHIP	0.1μF	10%	10V
C5139	1-100-906-11	CERAMIC CHIP	0.01μF	10%	16V	C5202	1-100-906-11	CERAMIC CHIP	0.01μF	10%	16V
C5140	1-100-909-11	CERAMIC CHIP	10μF	10%	6.3V	C5204	1-100-906-11	CERAMIC CHIP	0.01μF	10%	16V



REF. NO.	PART NO.	DESCRIPTION	VALUES			REF. NO.	PART NO.	DESCRIPTION	VALUES		
C5205	1-100-906-11	CERAMIC CHIP	0.01μF	10%	16V	C5360	1-100-906-11	CERAMIC CHIP	0.01μF	10%	16V
C5206	1-100-906-11	CERAMIC CHIP	0.01μF	10%	16V	C5362	1-100-906-11	CERAMIC CHIP	0.01μF	10%	16V
C5207	1-164-874-11	CERAMIC CHIP	100pF	5%	50V	C5371	1-100-906-11	CERAMIC CHIP	0.01μF	10%	16V
C5208	1-164-874-11	CERAMIC CHIP	100pF	5%	50V	C5372	1-100-906-11	CERAMIC CHIP	0.01μF	10%	16V
C5209	1-164-874-11	CERAMIC CHIP	100pF	5%	50V	C5373	1-100-906-11	CERAMIC CHIP	0.01μF	10%	16V
C5210	1-164-874-11	CERAMIC CHIP	100pF	5%	50V	C5375	1-100-906-11	CERAMIC CHIP	0.01μF	10%	16V
C5211	1-164-874-11	CERAMIC CHIP	100pF	5%	50V	C5376	1-100-906-11	CERAMIC CHIP	0.01μF	10%	16V
C5212	1-100-906-11	CERAMIC CHIP	0.01μF	10%	16V	C5377	1-100-906-11	CERAMIC CHIP	0.01μF	10%	16V
C5213	1-100-906-11	CERAMIC CHIP	0.01μF	10%	16V	C5378	1-100-906-11	CERAMIC CHIP	0.01μF	10%	16V
C5214	1-100-906-11	CERAMIC CHIP	0.01μF	10%	16V	C5380	1-100-907-11	CERAMIC CHIP	0.1μF	10%	10V
C5215	1-164-874-11	CERAMIC CHIP	100pF	5%	50V	C5900	1-164-874-11	CERAMIC CHIP	100pF	5%	50V
C5216	1-164-874-11	CERAMIC CHIP	100pF	5%	50V	C5901	1-164-937-11	CERAMIC CHIP	0.001μF	10%	50V
C5217	1-100-906-11	CERAMIC CHIP	0.01μF	10%	16V	C5902	1-100-906-11	CERAMIC CHIP	0.01μF	10%	16V
C5218	1-100-906-11	CERAMIC CHIP	0.01μF	10%	16V	C5903	1-100-907-11	CERAMIC CHIP	0.1μF	10%	10V
C5219	1-100-906-11	CERAMIC CHIP	0.01μF	10%	16V	C5904	1-100-909-11	CERAMIC CHIP	10μF	10%	6.3V
C5220	1-100-906-11	CERAMIC CHIP	0.01μF	10%	16V	C5905	1-100-906-11	CERAMIC CHIP	0.01μF	10%	16V
C5221	1-100-567-81	CERAMIC CHIP	0.01μF	10%	25V	C5906	1-100-906-11	CERAMIC CHIP	0.01μF	10%	16V
C5222	1-165-908-11	CERAMIC CHIP	1μF	10%	10V	C5907	1-100-906-11	CERAMIC CHIP	0.01μF	10%	16V
C5223	1-162-970-11	CERAMIC CHIP	0.01μF	10%	25V	C5908	1-100-906-11	CERAMIC CHIP	0.01μF	10%	16V
C5225	1-112-066-11	CERAMIC CHIP	10μF	10%	10V	C5909	1-100-906-11	CERAMIC CHIP	0.01μF	10%	16V
C5226	1-162-970-11	CERAMIC CHIP	0.01μF	10%	25V	C5910	1-100-906-11	CERAMIC CHIP	0.01μF	10%	16V
C5227	1-162-970-11	CERAMIC CHIP	0.01μF	10%	25V	C5911	1-100-906-11	CERAMIC CHIP	0.01μF	10%	16V
C5229	1-112-066-11	CERAMIC CHIP	10μF	10%	10V	C5912	1-100-906-11	CERAMIC CHIP	0.01μF	10%	16V
C5300	1-100-906-11	CERAMIC CHIP	0.01μF	10%	16V	C5913	1-100-906-11	CERAMIC CHIP	0.01μF	10%	16V
C5301	1-100-906-11	CERAMIC CHIP	0.01μF	10%	16V	C5914	1-164-937-11	CERAMIC CHIP	0.001μF	10%	50V
C5302	1-100-906-11	CERAMIC CHIP	0.01μF	10%	16V	C5915	1-100-906-11	CERAMIC CHIP	0.01μF	10%	16V
C5303	1-100-906-11	CERAMIC CHIP	0.01μF	10%	16V	C5916	1-100-907-11	CERAMIC CHIP	0.1μF	10%	10V
C5304	1-100-906-11	CERAMIC CHIP	0.01μF	10%	16V	C5917	1-100-909-11	CERAMIC CHIP	10μF	10%	6.3V
C5306	1-100-906-11	CERAMIC CHIP	0.01μF	10%	16V	C5918	1-100-906-11	CERAMIC CHIP	0.01μF	10%	16V
C5311	1-100-906-11	CERAMIC CHIP	0.01μF	10%	16V	C5919	1-100-906-11	CERAMIC CHIP	0.01μF	10%	16V
C5314	1-100-906-11	CERAMIC CHIP	0.01μF	10%	16V	C5920	1-100-906-11	CERAMIC CHIP	0.01μF	10%	16V
C5320	1-100-906-11	CERAMIC CHIP	0.01μF	10%	16V	C5921	1-100-906-11	CERAMIC CHIP	0.01μF	10%	16V
C5321	1-100-906-11	CERAMIC CHIP	0.01μF	10%	16V	C5922	1-100-906-11	CERAMIC CHIP	0.01μF	10%	16V
C5322	1-100-906-11	CERAMIC CHIP	0.01μF	10%	16V	C5923	1-164-937-11	CERAMIC CHIP	0.001μF	10%	50V
C5324	1-100-906-11	CERAMIC CHIP	0.01μF	10%	16V	C5924	1-164-937-11	CERAMIC CHIP	0.001μF	10%	50V
C5325	1-100-906-11	CERAMIC CHIP	0.01μF	10%	16V	C5925	1-164-937-11	CERAMIC CHIP	0.001μF	10%	50V
C5326	1-100-906-11	CERAMIC CHIP	0.01μF	10%	16V	C5926	1-164-937-11	CERAMIC CHIP	0.001μF	10%	50V
C5327	1-100-906-11	CERAMIC CHIP	0.01μF	10%	16V	C5927	1-164-937-11	CERAMIC CHIP	0.001μF	10%	50V
C5328	1-100-907-11	CERAMIC CHIP	0.1μF	10%	10V	C5928	1-164-874-11	CERAMIC CHIP	100pF	5%	50V
C5350	1-100-906-11	CERAMIC CHIP	0.01μF	10%	16V	C5929	1-100-909-11	CERAMIC CHIP	10μF	10%	6.3V
C5351	1-100-906-11	CERAMIC CHIP	0.01μF	10%	16V	C5930	1-100-907-11	CERAMIC CHIP	0.1μF	10%	10V
C5352	1-100-906-11	CERAMIC CHIP	0.01μF	10%	16V	C5931	1-100-906-11	CERAMIC CHIP	0.01μF	10%	16V
C5353	1-100-906-11	CERAMIC CHIP	0.01μF	10%	16V	C5932	1-164-937-11	CERAMIC CHIP	0.001μF	10%	50V
C5355	1-100-906-11	CERAMIC CHIP	0.01μF	10%	16V	C5933	1-164-874-11	CERAMIC CHIP	100pF	5%	50V
C5357	1-100-906-11	CERAMIC CHIP	0.01μF	10%	16V	C5934	1-100-907-11	CERAMIC CHIP	0.1μF	10%	10V



REF. NO.	PART NO.	DESCRIPTION	VALUES			REF. NO.	PART NO.	DESCRIPTION	VALUES		
C7000	1-114-334-11	CERAMIC CHIP	10μF	10%	25V	C7065	1-100-912-11	CERAMIC CHIP	1μF	10%	25V
C7001	1-114-334-11	CERAMIC CHIP	10μF	10%	25V	C7066	1-100-912-11	CERAMIC CHIP	1μF	10%	25V
C7002	1-117-681-11	ELECT CHIP	100μF	20%	16V	C7067	1-100-566-91	CERAMIC CHIP	0.1μF	10%	25V
C7023	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C7068	1-100-566-91	CERAMIC CHIP	0.1μF	10%	25V
C7024	1-100-566-91	CERAMIC CHIP	0.1μF	10%	25V	C7073	1-114-334-11	CERAMIC CHIP	10μF	10%	25V
C7025	1-114-320-11	CERAMIC CHIP	0.22μF	10%	6.3V	C7074	1-114-334-11	CERAMIC CHIP	10μF	10%	25V
C7026	1-164-874-11	CERAMIC CHIP	100pF	5%	50V	C7075	1-114-334-11	CERAMIC CHIP	10μF	10%	25V
C7027	1-164-862-11	CERAMIC CHIP	33pF	5%	50V	C7076	1-114-334-11	CERAMIC CHIP	10μF	10%	25V
C7028	1-164-862-11	CERAMIC CHIP	33pF	5%	50V	C7078	1-112-066-11	CERAMIC CHIP	10μF	10%	10V
C7029	1-164-937-11	CERAMIC CHIP	0.001μF	10%	50V	C7079	1-112-066-11	CERAMIC CHIP	10μF	10%	10V
C7030	1-164-937-11	CERAMIC CHIP	0.001μF	10%	50V	C7080	1-100-055-11	CERAMIC CHIP	22μF	20%	16V
C7031	1-164-862-11	CERAMIC CHIP	33pF	5%	50V	C7081	1-100-055-11	CERAMIC CHIP	22μF	20%	16V
C7032	1-164-862-11	CERAMIC CHIP	33pF	5%	50V	C7086	1-107-826-11	CERAMIC CHIP	0.1μF	10%	16V
C7033	1-127-988-81	CERAMIC CHIP	0.015μF	10%	16V	C7087	1-107-826-11	CERAMIC CHIP	0.1μF	10%	16V
C7034	1-164-858-11	CERAMIC CHIP	22pF	5%	50V	C7088	1-107-826-11	CERAMIC CHIP	0.1μF	10%	16V
C7035	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C7089	1-107-826-11	CERAMIC CHIP	0.1μF	10%	16V
C7036	1-164-937-11	CERAMIC CHIP	0.001μF	10%	50V	C7090	1-126-210-21	ELECT CHIP	220μF	20%	4V
C7037	1-114-320-11	CERAMIC CHIP	0.22μF	10%	6.3V	C7092	1-126-210-21	ELECT CHIP	220μF	20%	4V
C7038	1-127-988-81	CERAMIC CHIP	0.015μF	10%	16V	C7093	1-126-210-21	ELECT CHIP	220μF	20%	4V
C7039	1-127-988-81	CERAMIC CHIP	0.015μF	10%	16V	C7096	1-126-210-21	ELECT CHIP	220μF	20%	4V
C7040	1-164-858-11	CERAMIC CHIP	22pF	5%	50V	C7098	1-126-210-21	ELECT CHIP	220μF	20%	4V
C7041	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C7100	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C7042	1-164-937-11	CERAMIC CHIP	0.001μF	10%	50V	C7200	1-100-583-21	ELECT CHIP	470μF	20%	4V
C7043	1-114-320-11	CERAMIC CHIP	0.22μF	10%	6.3V	C7201	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C7044	1-127-988-81	CERAMIC CHIP	0.015μF	10%	16V	C7202	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C7045	1-164-937-11	CERAMIC CHIP	0.001μF	10%	50V	C7203	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C7046	1-164-937-11	CERAMIC CHIP	0.001μF	10%	50V	C7204	1-114-148-11	CERAMIC CHIP	1μF		6.3V
C7047	1-164-882-11	CERAMIC CHIP	220pF	5%	16V	C7205	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C7048	1-164-882-11	CERAMIC CHIP	220pF	5%	16V	C7206	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C7049	1-164-882-11	CERAMIC CHIP	220pF	5%	16V	C7207	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C7050	1-164-882-11	CERAMIC CHIP	220pF	5%	16V	C7208	1-126-210-21	ELECT CHIP	220μF	20%	4V
C7051	1-114-334-11	CERAMIC CHIP	10μF	10%	25V	C7209	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C7052	1-114-334-11	CERAMIC CHIP	10μF	10%	25V	C7210	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C7053	1-165-908-11	CERAMIC CHIP	1μF	10%	10V	C7211	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C7054	1-165-908-11	CERAMIC CHIP	1μF	10%	10V	C7212	1-100-909-11	CERAMIC CHIP	10μF	10%	6.3V
C7055	1-165-908-11	CERAMIC CHIP	1μF	10%	10V	C7213	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C7056	1-100-566-91	CERAMIC CHIP	0.1μF	10%	25V	C7214	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C7057	1-100-566-91	CERAMIC CHIP	0.1μF	10%	25V	C7215	1-100-909-11	CERAMIC CHIP	10μF	10%	6.3V
C7058	1-165-908-11	CERAMIC CHIP	1μF	10%	10V	C7216	1-100-583-21	ELECT CHIP	470μF	20%	4V
C7059	1-165-908-11	CERAMIC CHIP	1μF	10%	10V	C7217	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C7060	1-165-908-11	CERAMIC CHIP	1μF	10%	10V	C7218	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C7061	1-100-566-91	CERAMIC CHIP	0.1μF	10%	25V	C7219	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C7062	1-100-566-91	CERAMIC CHIP	0.1μF	10%	25V	C7220	1-100-909-11	CERAMIC CHIP	10μF	10%	6.3V
C7063	1-165-908-11	CERAMIC CHIP	1μF	10%	10V	C7221	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C7064	1-165-908-11	CERAMIC CHIP	1μF	10%	10V	C7222	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V



REF. NO.	PART NO.	DESCRIPTION	VALUES			REF. NO.	PART NO.	DESCRIPTION	VALUES		
C7223	1-100-909-11	CERAMIC CHIP	10μF	10%	6.3V	C7269	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C7224	1-114-148-11	CERAMIC CHIP	1μF		6.3V	C7270	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C7225	1-114-148-11	CERAMIC CHIP	1μF		6.3V	C7271	1-164-854-11	CERAMIC CHIP	15pF	5%	50V
C7226	1-114-148-11	CERAMIC CHIP	1μF		6.3V	C7272	1-164-854-11	CERAMIC CHIP	15pF	5%	50V
C7227	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C7273	1-100-909-11	CERAMIC CHIP	10μF	10%	6.3V
C7228	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C7274	1-100-909-11	CERAMIC CHIP	10μF	10%	6.3V
C7229	1-114-148-11	CERAMIC CHIP	1μF		6.3V	C7275	1-100-909-11	CERAMIC CHIP	10μF	10%	6.3V
C7230	1-114-148-11	CERAMIC CHIP	1μF		6.3V	C7276	1-100-909-11	CERAMIC CHIP	10μF	10%	6.3V
C7231	1-114-148-11	CERAMIC CHIP	1μF		6.3V	C7277	1-100-909-11	CERAMIC CHIP	10μF	10%	6.3V
C7232	1-114-148-11	CERAMIC CHIP	1μF		6.3V	C7278	1-100-909-11	CERAMIC CHIP	10μF	10%	6.3V
C7233	1-114-148-11	CERAMIC CHIP	1μF		6.3V	C7279	1-100-566-91	CERAMIC CHIP	0.1μF	10%	25V
C7234	1-114-148-11	CERAMIC CHIP	1μF		6.3V	C7280	1-126-210-21	ELECT CHIP	220μF	20%	4V
C7235	1-114-148-11	CERAMIC CHIP	1μF		6.3V	C7300	1-117-681-11	ELECT CHIP	100μF	20%	16V
C7236	1-114-148-11	CERAMIC CHIP	1μF		6.3V	C7301	1-100-566-91	CERAMIC CHIP	0.1μF	10%	25V
C7237	1-114-148-11	CERAMIC CHIP	1μF		6.3V	C7302	1-100-566-91	CERAMIC CHIP	0.1μF	10%	25V
C7238	1-114-148-11	CERAMIC CHIP	1μF		6.3V	C7303	1-100-055-11	CERAMIC CHIP	22μF	20%	16V
C7239	1-114-148-11	CERAMIC CHIP	1μF		6.3V	C7305	1-117-681-11	ELECT CHIP	100μF	20%	16V
C7240	1-114-148-11	CERAMIC CHIP	1μF		6.3V	C7306	1-100-567-81	CERAMIC CHIP	0.01μF	10%	25V
C7241	1-114-148-11	CERAMIC CHIP	1μF		6.3V	C7402	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C7242	1-100-583-21	ELECT CHIP	470μF	20%	4V	C7403	1-114-130-11	CERAMIC CHIP	1μF		6.3V
C7243	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C7404	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C7244	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C7405	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C7245	1-100-909-11	CERAMIC CHIP	10μF	10%	6.3V	C7406	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C7246	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C7407	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C7247	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C7408	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C7248	1-114-335-11	CERAMIC CHIP	22μF	10%	16V	C7409	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C7249	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C7410	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C7250	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C7411	1-114-130-11	CERAMIC CHIP	1μF		6.3V
C7251	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C7412	1-114-130-11	CERAMIC CHIP	1μF		6.3V
C7252	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C7413	1-114-130-11	CERAMIC CHIP	1μF		6.3V
C7253	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C7417	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C7254	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C7418	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C7255	1-114-148-11	CERAMIC CHIP	1μF		6.3V	C7420	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C7256	1-114-148-11	CERAMIC CHIP	1μF		6.3V	C7422	1-114-130-11	CERAMIC CHIP	1μF		6.3V
C7257	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C7424	1-114-130-11	CERAMIC CHIP	1μF		6.3V
C7258	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C7425	1-114-130-11	CERAMIC CHIP	1μF		6.3V
C7259	1-114-148-11	CERAMIC CHIP	1μF		6.3V	C7426	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C7260	1-114-148-11	CERAMIC CHIP	1μF		6.3V	C7427	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C7261	1-100-909-11	CERAMIC CHIP	10μF	10%	6.3V	C7430	1-100-566-91	CERAMIC CHIP	0.1μF	10%	25V
C7262	1-114-148-11	CERAMIC CHIP	1μF		6.3V	C7431	1-126-210-21	ELECT CHIP	220μF	20%	4V
C7263	1-114-148-11	CERAMIC CHIP	1μF		6.3V	C7432	1-165-989-11	CERAMIC CHIP	10μF	10%	6.3V
C7264	1-114-148-11	CERAMIC CHIP	1μF		6.3V	C7433	1-165-989-11	CERAMIC CHIP	10μF	10%	6.3V
C7265	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C7501	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C7266	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C7502	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C7267	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C7503	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V



REF. NO.	PART NO.	DESCRIPTION	VALUES			REF. NO.	PART NO.	DESCRIPTION	VALUES		
C7504	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C7823	1-164-868-11	CERAMIC CHIP	56pF	5%	50V
C7507	1-128-399-11	ELECT CHIP	330μF	20%	16V	C7824	1-164-868-11	CERAMIC CHIP	56pF	5%	50V
C7509	1-100-912-11	CERAMIC CHIP	1μF	10%	25V	C7825	1-164-864-11	CERAMIC CHIP	39pF	5%	50V
C7510	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C7828	1-164-862-11	CERAMIC CHIP	33pF	5%	50V
C7511	1-164-937-11	CERAMIC CHIP	0.001μF	10%	50V	C7829	1-164-862-11	CERAMIC CHIP	33pF	5%	50V
C7512	1-100-907-11	CERAMIC CHIP	0.1μF	10%	10V	C7831	1-107-819-11	CERAMIC CHIP	0.022μF	10%	16V
C7513	1-126-210-21	ELECT CHIP	220μF	20%	4V	C7833	1-125-777-11	CERAMIC CHIP	0.1μF	10%	10V
C7514	1-112-066-11	CERAMIC CHIP	10μF	10%	10V	C7834	1-128-993-21	ELECT CHIP	22μF	20%	10V
C7515	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C7835	1-164-860-11	CERAMIC CHIP	27pF	5%	50V
C7516	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C7836	1-164-860-11	CERAMIC CHIP	27pF	5%	50V
C7600	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C7837	1-164-840-11	CERAMIC CHIP	1pF	0.25pF	50V
C7603	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C7838	1-164-840-11	CERAMIC CHIP	1pF	0.25pF	50V
C7604	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C7839	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C7607	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C7840	1-164-860-11	CERAMIC CHIP	27pF	5%	50V
C7609	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C7841	1-164-860-11	CERAMIC CHIP	27pF	5%	50V
C7611	1-114-130-11	CERAMIC CHIP	1μF		6.3V	C7842	1-100-581-81	CERAMIC CHIP	0.0047μF	10%	50V
C7700	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C7843	1-137-765-21	ELECT CHIP	47μF	20%	16V
C7701	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C7844	1-117-681-11	ELECT CHIP	100μF	20%	16V
C7702	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C7845	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C7703	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C7846	1-137-765-21	ELECT CHIP	47μF	20%	16V
C7704	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C7847	1-164-939-11	CERAMIC CHIP	0.0022μF	10%	50V
C7705	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C7848	1-114-183-11	ELECT CHIP	1000μF	20%	6.3V
C7706	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C7849	1-100-567-81	CERAMIC CHIP	0.01μF	10%	25V
C7707	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C7850	1-164-937-11	CERAMIC CHIP	0.001μF	10%	50V
C7720	1-114-130-11	CERAMIC CHIP	1μF		6.3V	C7852	1-128-396-11	ELECT CHIP	470μF	20%	10V
C7800	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C7853	1-100-567-81	CERAMIC CHIP	0.01μF	10%	25V
C7801	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C7854	1-100-567-81	CERAMIC CHIP	0.01μF	10%	25V
C7802	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C7855	1-114-320-11	CERAMIC CHIP	0.22μF	10%	6.3V
C7804	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C7856	1-164-937-11	CERAMIC CHIP	0.001μF	10%	50V
C7807	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C7857	1-100-159-91	CERAMIC CHIP	22μF	10%	6.3V
C7808	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C7858	1-164-874-11	CERAMIC CHIP	100pF	5%	50V
C7809	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C7859	1-164-874-11	CERAMIC CHIP	100pF	5%	50V
C7810	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C7862	1-112-046-11	CERAMIC CHIP	4.7μF	10%	6.3V
C7811	1-100-909-11	CERAMIC CHIP	10μF	10%	6.3V	C7863	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C7812	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C7864	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C7813	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C7866	1-164-937-11	CERAMIC CHIP	0.001μF	10%	50V
C7814	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C7867	1-164-862-11	CERAMIC CHIP	33pF	5%	50V
C7815	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C7870	1-100-909-11	CERAMIC CHIP	10μF	10%	6.3V
C7816	1-100-909-11	CERAMIC CHIP	10μF	10%	6.3V	C7871	1-100-909-11	CERAMIC CHIP	10μF	10%	6.3V
C7817	1-100-909-11	CERAMIC CHIP	10μF	10%	6.3V	C7878	1-128-396-11	ELECT CHIP	470μF	20%	10V
C7818	1-100-566-91	CERAMIC CHIP	0.1μF	10%	25V	C7879	1-162-995-11	CERAMIC CHIP	0.022μF		50V
C7819	1-100-566-91	CERAMIC CHIP	0.1μF	10%	25V	C7950	1-100-567-81	CERAMIC CHIP	0.01μF	10%	25V
C7820	1-164-864-11	CERAMIC CHIP	39pF	5%	50V	C7951	1-100-567-81	CERAMIC CHIP	0.01μF	10%	25V
C7821	1-164-858-11	CERAMIC CHIP	22pF	5%	50V	C7952	1-165-908-11	CERAMIC CHIP	1μF	10%	10V
C7822	1-164-858-11	CERAMIC CHIP	22pF	5%	50V	C7953	1-100-567-81	CERAMIC CHIP	0.01μF	10%	25V

KDF-46E3000/50E3000

86



REF. NO.	PART NO.	DESCRIPTION	VALUES	REF. NO.	PART NO.	DESCRIPTION	VALUES
L3201	1-469-549-21	INDUCTOR	1μH	L7805	1-412-973-11	INDUCTOR	0.33μH
L3202	1-469-549-21	INDUCTOR	1μH	L7806	1-412-974-41	INDUCTOR	0.39μH
				L7807	1-412-974-41	INDUCTOR	0.39μH
L3203	1-469-549-21	INDUCTOR	1μH	L7808	1-469-555-21	INDUCTOR	10μH
L3204	1-469-549-21	INDUCTOR	1μH	L7809	1-412-972-31	INDUCTOR	0.27μH
L3205	1-469-549-21	INDUCTOR	1μH	L7810	1-412-972-31	INDUCTOR	0.27μH
L3206	1-469-549-21	INDUCTOR	1μH	L7811	1-469-555-21	INDUCTOR	10μH
L3207	1-469-549-21	INDUCTOR	1μH	L7812	1-469-555-21	INDUCTOR	10μH
L3208	1-469-549-21	INDUCTOR	1μH	L7813	1-469-555-21	INDUCTOR	10μH
L3210	1-469-555-21	INDUCTOR	10μH	L7814	1-469-555-21	INDUCTOR	10μH
L3211	1-469-549-21	INDUCTOR	1μH	L7815	1-469-555-21	INDUCTOR	10μH
L3212	1-469-555-21	INDUCTOR	10μH	L7817	1-400-180-21	FERRITE	0μH
L3213	1-469-555-21	INDUCTOR	10μH	L7818	1-400-180-21	FERRITE	0μH
L3214	1-469-549-21	INDUCTOR	1μH	L7819	1-469-555-21	INDUCTOR	10μH
L3215	1-469-555-21	INDUCTOR	10μH				
L3216	1-469-555-21	INDUCTOR	10μH				
L5000	1-469-555-21	INDUCTOR	10μH				
L5001	1-469-555-21	INDUCTOR	10μH				
L5101	1-469-555-21	INDUCTOR	10μH				
L5900	1-469-555-21	INDUCTOR	10μH				
L5901	1-469-555-21	INDUCTOR	10μH				
L5902	1-456-583-11	INDUCTOR	0μH				
L5903	1-469-555-21	INDUCTOR	10μH				
L5904	1-456-583-11	INDUCTOR	0μH				
L5905	1-456-583-11	INDUCTOR	0μH				
L5906	1-456-583-11	INDUCTOR	0μH				
L5907	1-456-583-11	INDUCTOR	0μH				
L5908	1-456-583-11	INDUCTOR	0μH				
L5909	1-456-583-11	INDUCTOR	0μH				
L5910	1-456-583-11	INDUCTOR	0μH				
L5911	1-456-583-11	INDUCTOR	0μH				
L5912	1-456-583-11	INDUCTOR	0μH				
L5913	1-456-583-11	INDUCTOR	0μH				
L5914	1-456-583-11	INDUCTOR	0μH				
L7004	1-424-922-21	INDUCTOR	10μH				
L7005	1-400-281-11	INDUCTOR	10μH				
L7006	1-400-325-11	INDUCTOR	5.6μH				
L7007	1-400-281-11	INDUCTOR	10μH				
L7201	1-400-180-21	FERRITE	0μH				
L7300	1-400-284-21	INDUCTOR	0μH				
L7431	1-400-180-21	FERRITE	0μH				
L7720	1-400-180-21	FERRITE	0μH				
L7800	1-412-973-11	INDUCTOR	0.33μH				
L7801	1-412-971-31	INDUCTOR	0.22μH				
L7802	1-412-971-31	INDUCTOR	0.22μH				

IC LINK

PS7000	1-576-925-11	IC	LINK	3.15A	0V
PS7001	1-576-925-11	IC	LINK	3.15A	0V

TRANSISTOR

Q3000	8-729-027-43	TRANSISTOR	DTC114EKA-T146
Q3001	6-551-696-01	TRANSISTOR	ISA1235AC1TP-1EF
Q3002	6-551-696-01	TRANSISTOR	ISA1235AC1TP-1EF
Q3003	6-551-696-01	TRANSISTOR	ISA1235AC1TP-1EF
Q3004	6-551-696-01	TRANSISTOR	ISA1235AC1TP-1EF
Q3005	6-551-696-01	TRANSISTOR	ISA1235AC1TP-1EF
Q3006	8-729-620-07	TRANSISTOR	2SC3052EF-T1-LEF
Q3007	8-729-027-43	TRANSISTOR	DTC114EKA-T146
Q3008	6-551-696-01	TRANSISTOR	ISA1235AC1TP-1EF
Q3009	8-729-027-43	TRANSISTOR	DTC114EKA-T146
Q3010	8-729-027-43	TRANSISTOR	DTC114EKA-T146
Q3011	6-551-696-01	TRANSISTOR	ISA1235AC1TP-1EF
Q3012	8-729-620-07	TRANSISTOR	2SC3052EF-T1-LEF
Q3016	8-729-027-43	TRANSISTOR	DTC114EKA-T146
Q3017	8-729-027-43	TRANSISTOR	DTC114EKA-T146
Q3018	8-729-027-43	TRANSISTOR	DTC114EKA-T146
Q3101	8-729-027-43	TRANSISTOR	DTC114EKA-T146
Q3102	8-729-027-43	TRANSISTOR	DTC114EKA-T146
Q3103	8-729-620-07	TRANSISTOR	2SC3052EF-T1-LEF
Q3148	8-729-027-43	TRANSISTOR	DTC114EKA-T146
Q3149	8-729-027-43	TRANSISTOR	DTC114EKA-T146
Q3201	8-729-620-07	TRANSISTOR	2SC3052EF-T1-LEF
Q3207	6-551-696-01	TRANSISTOR	ISA1235AC1TP-1EF



REF. NO.	PART NO.	DESCRIPTION	VALUES	REF. NO.	PART NO.	DESCRIPTION	VALUES
Q3209	6-551-390-01	TRANSISTOR	RT1A3906-T122-1	R3007	1-208-927-11	METAL CHIP	47K 0.50% 1/16W
Q3211	8-729-620-07	TRANSISTOR	2SC3052EF-T1-LEF	R3008	1-218-957-11	RES-CHIP	2.2K 5% 1/16W
Q3212	6-550-304-01	TRANSISTOR	2SC5477-T122-1	R3009	1-208-927-11	METAL CHIP	47K 0.50% 1/16W
Q3213	6-550-304-01	TRANSISTOR	2SC5477-T122-1	R3010	1-208-715-11	METAL CHIP	22K 0.50% 1/16W
Q3214	6-550-304-01	TRANSISTOR	2SC5477-T122-1	R3011	1-218-965-11	RES-CHIP	10K 5% 1/16W
Q3216	6-551-696-01	TRANSISTOR	ISA1235AC1TP-1EF	R3012	1-218-933-11	RES-CHIP	22 5% 1/16W
Q3217	6-551-390-01	TRANSISTOR	RT1A3906-T122-1	R3013	1-218-989-11	RES-CHIP	1M 5% 1/16W
Q3218	6-551-390-01	TRANSISTOR	RT1A3906-T122-1	R3014	1-218-990-81	SHORT CHIP	
Q3219	6-550-304-01	TRANSISTOR	2SC5477-T122-1	R3017	1-218-941-81	RES-CHIP	100 5% 1/16W
Q3221	6-550-304-01	TRANSISTOR	2SC5477-T122-1	R3019	1-218-990-81	SHORT CHIP	
Q3222	6-551-696-01	TRANSISTOR	ISA1235AC1TP-1EF	R3020	1-218-990-81	SHORT CHIP	
Q3223	8-729-620-07	TRANSISTOR	2SC3052EF-T1-LEF	R3021	1-218-965-11	RES-CHIP	10K 5% 1/16W
Q3224	6-551-696-01	TRANSISTOR	ISA1235AC1TP-1EF	R3022	1-218-990-81	SHORT CHIP	
Q3225	6-551-390-01	TRANSISTOR	RT1A3906-T122-1	R3023	1-218-990-81	SHORT CHIP	
Q3226	6-551-390-01	TRANSISTOR	RT1A3906-T122-1	R3024	1-218-990-81	SHORT CHIP	
Q3227	8-729-027-43	TRANSISTOR	DTC114EKA-T146	R3025	1-218-990-81	SHORT CHIP	
Q3808	6-551-696-01	TRANSISTOR	ISA1235AC1TP-1EF	R3026	1-218-990-81	SHORT CHIP	
Q3809	8-729-620-07	TRANSISTOR	2SC3052EF-T1-LEF	R3027	1-218-990-81	SHORT CHIP	
Q3810	8-729-620-07	TRANSISTOR	2SC3052EF-T1-LEF	R3028	1-218-955-11	RES-CHIP	1.5K 5% 1/16W
Q3811	8-729-027-43	TRANSISTOR	DTC114EKA-T146	R3029	1-218-937-11	RES-CHIP	47 5% 1/16W
Q3812	8-729-027-43	TRANSISTOR	DTC114EKA-T146	R3030	1-218-990-81	SHORT CHIP	
Q4501	8-729-027-43	TRANSISTOR	DTC114EKA-T146	R3031	1-218-937-11	RES-CHIP	47 5% 1/16W
Q4504	8-729-027-43	TRANSISTOR	DTC114EKA-T146	R3032	1-218-990-81	SHORT CHIP	
Q4506	8-729-028-96	TRANSISTOR	DTC114EUA-T106	R3033	1-218-990-81	SHORT CHIP	
Q4507	8-729-028-96	TRANSISTOR	DTC114EUA-T106	R3034	1-218-990-81	SHORT CHIP	
Q5100	8-729-027-43	TRANSISTOR	DTC114EKA-T146	R3035	1-400-829-11	FERRITE	0μH
Q5101	8-729-027-43	TRANSISTOR	DTC114EKA-T146	R3036	1-400-829-11	FERRITE	0μH
Q5102	8-729-027-43	TRANSISTOR	DTC114EKA-T146	R3037	1-218-953-11	RES-CHIP	1K 5% 1/16W
Q5103	8-729-027-43	TRANSISTOR	DTC114EKA-T146	R3038	1-218-941-81	RES-CHIP	100 5% 1/16W
Q5104	8-729-027-43	TRANSISTOR	DTC114EKA-T146	R3039	1-218-941-81	RES-CHIP	100 5% 1/16W
Q7001	6-709-438-01	TRANSISTOR	FDS6986AS-NL	R3040	1-218-990-81	SHORT CHIP	
Q7002	6-709-438-01	TRANSISTOR	FDS6986AS-NL	R3041	1-218-990-81	SHORT CHIP	
Q7003	6-709-438-01	TRANSISTOR	FDS6986AS-NL	R3042	1-218-990-81	SHORT CHIP	
Q7004	6-709-438-01	TRANSISTOR	FDS6986AS-NL	R3043	1-218-990-81	SHORT CHIP	
Q7800	6-551-696-01	TRANSISTOR	ISA1235AC1TP-1EF	R3044	1-218-965-11	RES-CHIP	10K 5% 1/16W
Q7802	8-729-620-07	TRANSISTOR	2SC3052EF-T1-LEF	R3045	1-218-953-11	RES-CHIP	1K 5% 1/16W
Q7803	8-729-027-43	TRANSISTOR	DTC114EKA-T146	R3047	1-218-990-81	SHORT CHIP	
Q7804	8-729-620-07	TRANSISTOR	2SC3052EF-T1-LEF	R3048	1-220-179-11	RES-CHIP	510 5% 1/16W
Q7807	6-551-696-01	TRANSISTOR	ISA1235AC1TP-1EF	R3049	1-218-959-11	RES-CHIP	3.3K 5% 1/16W
				R3050	1-218-953-11	RES-CHIP	1K 5% 1/16W
				R3051	1-218-990-81	SHORT CHIP	
				R3052	1-400-829-11	FERRITE	0μH
				R3053	1-218-965-11	RES-CHIP	10K 5% 1/16W
				R3054	1-218-965-11	RES-CHIP	10K 5% 1/16W
RESISTOR							
R3002	1-218-985-11	RES-CHIP	470K 5% 1/16W				
R3003	1-218-973-11	RES-CHIP	47K 5% 1/16W				
R3005	1-218-961-11	RES-CHIP	4.7K 5% 1/16W				



REF. NO.	PART NO.	DESCRIPTION	VALUES			REF. NO.	PART NO.	DESCRIPTION	VALUES		
R3055	1-220-179-11	RES-CHIP	510	5%	1/16W	R3106	1-218-965-11	RES-CHIP	10K	5%	1/16W
R3056	1-218-959-11	RES-CHIP	3.3K	5%	1/16W	R3107	1-218-965-11	RES-CHIP	10K	5%	1/16W
R3057	1-218-965-11	RES-CHIP	10K	5%	1/16W	R3108	1-218-990-81	SHORT CHIP			
R3058	1-218-953-11	RES-CHIP	1K	5%	1/16W	R3110	1-218-941-81	RES-CHIP	100	5%	1/16W
R3059	1-218-961-11	RES-CHIP	4.7K	5%	1/16W	R3111	1-208-927-11	METAL CHIP	47K	0.50%	1/16W
R3060	1-218-953-11	RES-CHIP	1K	5%	1/16W	R3112	1-208-927-11	METAL CHIP	47K	0.50%	1/16W
R3061	1-218-961-11	RES-CHIP	4.7K	5%	1/16W	R3113	1-208-927-11	METAL CHIP	47K	0.50%	1/16W
R3062	1-218-965-11	RES-CHIP	10K	5%	1/16W	R3114	1-218-965-11	RES-CHIP	10K	5%	1/16W
R3063	1-220-179-11	RES-CHIP	510	5%	1/16W	R3115	1-218-941-81	RES-CHIP	100	5%	1/16W
R3064	1-218-959-11	RES-CHIP	3.3K	5%	1/16W	R3117	1-218-965-11	RES-CHIP	10K	5%	1/16W
R3065	1-218-953-11	RES-CHIP	1K	5%	1/16W	R3118	1-218-965-11	RES-CHIP	10K	5%	1/16W
R3066	1-218-989-11	RES-CHIP	1M	5%	1/16W	R3119	1-218-941-81	RES-CHIP	100	5%	1/16W
R3068	1-218-957-11	RES-CHIP	2.2K	5%	1/16W	R3120	1-218-941-81	RES-CHIP	100	5%	1/16W
R3069	1-218-953-11	RES-CHIP	1K	5%	1/16W	R3121	1-218-941-81	RES-CHIP	100	5%	1/16W
R3070	1-218-967-11	RES-CHIP	15K	5%	1/16W	R3122	1-218-965-11	RES-CHIP	10K	5%	1/16W
R3071	1-218-990-81	SHORT CHIP				R3123	1-218-965-11	RES-CHIP	10K	5%	1/16W
R3072	1-218-974-11	RES-CHIP	56K	5%	1/16W	R3124	1-218-965-11	RES-CHIP	10K	5%	1/16W
R3073	1-218-990-81	SHORT CHIP				R3125	1-218-941-81	RES-CHIP	100	5%	1/16W
R3074	1-218-990-81	SHORT CHIP				R3126	1-218-941-81	RES-CHIP	100	5%	1/16W
R3075	1-218-965-11	RES-CHIP	10K	5%	1/16W	R3127	1-218-941-81	RES-CHIP	100	5%	1/16W
R3076	1-218-961-11	RES-CHIP	4.7K	5%	1/16W	R3128	1-218-965-11	RES-CHIP	10K	5%	1/16W
R3080	1-218-990-81	SHORT CHIP				R3130	1-218-990-81	SHORT CHIP			
R3081	1-218-957-11	RES-CHIP	2.2K	5%	1/16W	R3131	1-218-937-11	RES-CHIP	47	5%	1/16W
R3082	1-218-965-11	RES-CHIP	10K	5%	1/16W	R3132	1-218-937-11	RES-CHIP	47	5%	1/16W
R3083	1-218-990-81	SHORT CHIP				R3133	1-218-937-11	RES-CHIP	47	5%	1/16W
R3086	1-218-973-11	RES-CHIP	47K	5%	1/16W	R3134	1-218-937-11	RES-CHIP	47	5%	1/16W
R3087	1-218-937-11	RES-CHIP	47	5%	1/16W	R3135	1-218-953-11	RES-CHIP	1K	5%	1/16W
R3088	1-218-941-81	RES-CHIP	100	5%	1/16W	R3136	1-220-804-11	RES-CHIP	2.2M	5%	1/16W
R3089	1-218-977-11	RES-CHIP	100K	5%	1/16W	R3137	1-218-953-11	RES-CHIP	1K	5%	1/16W
R3090	1-218-953-11	RES-CHIP	1K	5%	1/16W	R3139	1-218-965-11	RES-CHIP	10K	5%	1/16W
R3091	1-218-955-11	RES-CHIP	1.5K	5%	1/16W	R3140	1-218-937-11	RES-CHIP	47	5%	1/16W
R3092	1-218-953-11	RES-CHIP	1K	5%	1/16W	R3141	1-218-949-11	RES-CHIP	470	5%	1/16W
R3093	1-400-829-11	FERRITE	0μH			R3142	1-218-937-11	RES-CHIP	47	5%	1/16W
R3094	1-218-982-11	RES-CHIP	270K	5%	1/16W	R3143	1-218-965-11	RES-CHIP	10K	5%	1/16W
R3096	1-218-983-11	RES-CHIP	330K	5%	1/16W	R3144	1-218-990-81	SHORT CHIP			
R3098	1-218-990-81	SHORT CHIP				R3145	1-218-957-11	RES-CHIP	2.2K	5%	1/16W
R3099	1-218-990-81	SHORT CHIP				R3146	1-218-965-11	RES-CHIP	10K	5%	1/16W
R3100	1-218-937-11	RES-CHIP	47	5%	1/16W	R3147	1-218-957-11	RES-CHIP	2.2K	5%	1/16W
R3101	1-218-965-11	RES-CHIP	10K	5%	1/16W	R3151	1-218-973-11	RES-CHIP	47K	5%	1/16W
R3102	1-218-965-11	RES-CHIP	10K	5%	1/16W	R3153	1-218-957-11	RES-CHIP	2.2K	5%	1/16W
R3103	1-218-965-11	RES-CHIP	10K	5%	1/16W	R3164	1-218-965-11	RES-CHIP	10K	5%	1/16W
R3104	1-218-953-11	RES-CHIP	1K	5%	1/16W	R3168	1-218-956-11	RES-CHIP	1.8K	5%	1/16W
R3105	1-218-953-11	RES-CHIP	1K	5%	1/16W	R3169	1-218-965-11	RES-CHIP	10K	5%	1/16W
						R3170	1-218-956-11	RES-CHIP	1.8K	5%	1/16W
						R3173	1-218-965-11	RES-CHIP	10K	5%	1/16W



REF. NO.	PART NO.	DESCRIPTION	VALUES			REF. NO.	PART NO.	DESCRIPTION	VALUES		
R3181	1-218-965-11	RES-CHIP	10K	5%	1/16W	R3313	1-218-937-11	RES-CHIP	47	5%	1/16W
R3185	1-218-965-11	RES-CHIP	10K	5%	1/16W	R3314	1-218-937-11	RES-CHIP	47	5%	1/16W
R3186	1-218-965-11	RES-CHIP	10K	5%	1/16W	R3317	1-218-937-11	RES-CHIP	47	5%	1/16W
R3207	1-208-683-11	METAL CHIP	1K	0.50%	1/16W	R3319	1-208-671-11	METAL CHIP	330	0.50%	1/16W
R3208	1-218-864-11	METAL CHIP	5.1K	0.50%	1/10W	R3321	1-208-635-11	METAL CHIP	10	0.50%	1/16W
R3209	1-218-965-11	RES-CHIP	10K	5%	1/16W	R3322	1-208-683-11	METAL CHIP	1K	0.50%	1/16W
R3210	1-218-943-11	RES-CHIP	150	5%	1/16W	R3323	1-218-941-11	RES-CHIP	100	5%	1/16W
R3211	1-218-951-11	RES-CHIP	680	5%	1/16W	R3324	1-208-683-11	METAL CHIP	1K	0.50%	1/16W
R3212	1-218-941-11	RES-CHIP	100	5%	1/16W	R3325	1-218-941-11	RES-CHIP	100	5%	1/16W
R3213	1-218-941-11	RES-CHIP	100	5%	1/16W	R3326	1-218-953-11	RES-CHIP	1K	5%	1/16W
R3214	1-218-941-11	RES-CHIP	100	5%	1/16W	R3340	1-218-929-11	RES-CHIP	10	5%	1/16W
R3215	1-218-965-11	RES-CHIP	10K	5%	1/16W	R3341	1-218-929-11	RES-CHIP	10	5%	1/16W
R3218	1-218-929-11	RES-CHIP	10	5%	1/16W	R3342	1-218-929-11	RES-CHIP	10	5%	1/16W
R3219	1-218-929-11	RES-CHIP	10	5%	1/16W	R3345	1-218-953-11	RES-CHIP	1K	5%	1/16W
R3220	1-218-929-11	RES-CHIP	10	5%	1/16W	R3346	1-218-953-11	RES-CHIP	1K	5%	1/16W
R3221	1-218-933-11	RES-CHIP	22	5%	1/16W	R3347	1-218-949-11	RES-CHIP	470	5%	1/16W
R3223	1-218-958-11	RES-CHIP	2.7K	5%	1/16W	R3350	1-218-929-11	RES-CHIP	10	5%	1/16W
R3224	1-218-937-11	RES-CHIP	47	5%	1/16W	R3351	1-218-929-11	RES-CHIP	10	5%	1/16W
R3225	1-218-941-11	RES-CHIP	100	5%	1/16W	R3356	1-208-893-11	METAL CHIP	1.8K	0.50%	1/16W
R3226	1-218-953-11	RES-CHIP	1K	5%	1/16W	R3369	1-218-957-11	RES-CHIP	2.2K	5%	1/16W
R3227	1-218-937-11	RES-CHIP	47	5%	1/16W	R3371	1-218-957-11	RES-CHIP	2.2K	5%	1/16W
R3228	1-208-911-11	METAL CHIP	10K	0.50%	1/16W	R3372	1-218-957-11	RES-CHIP	2.2K	5%	1/16W
R3229	1-208-683-11	METAL CHIP	1K	0.50%	1/16W	R3373	1-218-941-11	RES-CHIP	100	5%	1/16W
R3230	1-218-941-11	RES-CHIP	100	5%	1/16W	R3375	1-218-949-11	RES-CHIP	470	5%	1/16W
R3231	1-218-965-11	RES-CHIP	10K	5%	1/16W	R3376	1-218-959-11	RES-CHIP	3.3K	5%	1/16W
R3234	1-208-695-11	METAL CHIP	3.3K	0.50%	1/16W	R3378	1-218-963-11	RES-CHIP	6.8K	5%	1/16W
R3235	1-208-885-11	METAL CHIP	820	0.50%	1/16W	R3380	1-218-941-11	RES-CHIP	100	5%	1/16W
R3236	1-218-941-81	RES-CHIP	100	5%	1/16W	R3382	1-218-937-11	RES-CHIP	47	5%	1/16W
R3237	1-218-990-81	SHORT CHIP				R3383	1-218-949-11	RES-CHIP	470	5%	1/16W
R3240	1-218-965-11	RES-CHIP	10K	5%	1/16W	R3384	1-208-671-11	METAL CHIP	330	0.50%	1/16W
R3245	1-208-699-11	METAL CHIP	4.7K	0.50%	1/16W	R3385	1-218-949-11	RES-CHIP	470	5%	1/16W
R3247	1-218-965-11	RES-CHIP	10K	5%	1/16W	R3386	1-218-945-11	RES-CHIP	220	5%	1/16W
R3248	1-220-884-81	METAL CHIP	39	0.50%	1/16W	R3633	1-218-961-11	RES-CHIP	4.7K	5%	1/16W
R3249	1-218-929-11	RES-CHIP	10	5%	1/16W	R3638	1-218-965-11	RES-CHIP	10K	5%	1/16W
R3250	1-218-676-11	METAL CHIP	220	0.50%	1/10W	R3639	1-218-941-81	RES-CHIP	100	5%	1/16W
R3251	1-208-699-11	METAL CHIP	4.7K	0.50%	1/16W	R3640	1-218-973-11	RES-CHIP	47K	5%	1/16W
R3253	1-218-965-11	RES-CHIP	10K	5%	1/16W	R3641	1-218-973-11	RES-CHIP	47K	5%	1/16W
R3260	1-208-683-11	METAL CHIP	1K	0.50%	1/16W	R3645	1-218-941-81	RES-CHIP	100	5%	1/16W
R3261	1-208-675-11	METAL CHIP	470	0.50%	1/16W	R3646	1-218-941-81	RES-CHIP	100	5%	1/16W
R3298	1-218-937-11	RES-CHIP	47	5%	1/16W	R3647	1-218-941-81	RES-CHIP	100	5%	1/16W
R3300	1-218-955-11	RES-CHIP	1.5K	5%	1/16W	R3649	1-218-965-11	RES-CHIP	10K	5%	1/16W
R3308	1-218-937-11	RES-CHIP	47	5%	1/16W	R3651	1-218-965-11	RES-CHIP	10K	5%	1/16W
R3309	1-208-871-81	METAL CHIP	220	0.50%	1/16W	R3652	1-218-989-11	RES-CHIP	1M	5%	1/16W
R3311	1-208-871-81	METAL CHIP	220	0.50%	1/16W	R3656	1-218-941-81	RES-CHIP	100	5%	1/16W
R3312	1-208-683-11	METAL CHIP	1K	0.50%	1/16W	R3660	1-218-965-11	RES-CHIP	10K	5%	1/16W



REF. NO.	PART NO.	DESCRIPTION	VALUES			REF. NO.	PART NO.	DESCRIPTION	VALUES		
R3666	1-218-941-81	RES-CHIP	100	5%	1/16W	R4587	1-218-937-11	RES-CHIP	47	5%	1/16W
R3669	1-218-941-81	RES-CHIP	100	5%	1/16W	R4588	1-218-937-11	RES-CHIP	47	5%	1/16W
R3670	1-218-941-81	RES-CHIP	100	5%	1/16W	R4589	1-218-937-11	RES-CHIP	47	5%	1/16W
R3674	1-218-941-81	RES-CHIP	100	5%	1/16W	R4600	1-218-990-81	SHORT CHIP			
R3675	1-218-941-81	RES-CHIP	100	5%	1/16W	R4601	1-218-965-11	RES-CHIP	10K	5%	1/16W
R3676	1-218-961-11	RES-CHIP	4.7K	5%	1/16W	R4602	1-218-937-11	RES-CHIP	47	5%	1/16W
R3679	1-218-941-81	RES-CHIP	100	5%	1/16W	R4603	1-218-937-11	RES-CHIP	47	5%	1/16W
R3680	1-218-965-11	RES-CHIP	10K	5%	1/16W	R4605	1-218-990-81	SHORT CHIP			
R3846	1-218-990-81	SHORT CHIP				R4607	1-218-935-11	RES-CHIP	33	5%	1/16W
R3847	1-218-953-11	RES-CHIP	1K	5%	1/16W	R4610	1-218-961-11	RES-CHIP	4.7K	5%	1/16W
R3848	1-208-715-11	METAL CHIP	22K	0.50%	1/16W	R4611	1-218-933-11	RES-CHIP	22	5%	1/16W
R3850	1-218-965-11	RES-CHIP	10K	5%	1/16W	R4612	1-218-937-11	RES-CHIP	47	5%	1/16W
R3851	1-208-715-11	METAL CHIP	22K	0.50%	1/16W	R4613	1-218-937-11	RES-CHIP	47	5%	1/16W
R3852	1-218-973-11	RES-CHIP	47K	5%	1/16W	R4615	1-218-937-11	RES-CHIP	47	5%	1/16W
R3853	1-218-990-81	SHORT CHIP				R4616	1-218-937-11	RES-CHIP	47	5%	1/16W
R3858	1-218-965-11	RES-CHIP	10K	5%	1/16W	R4621	1-218-933-11	RES-CHIP	22	5%	1/16W
R3860	1-218-970-11	RES-CHIP	27K	5%	1/16W	R4622	1-218-929-11	RES-CHIP	10	5%	1/16W
R3862	1-208-871-81	METAL CHIP	220	0.50%	1/16W	R4623	1-218-990-81	SHORT CHIP			
R3863	1-218-990-81	SHORT CHIP				R4626	1-218-933-11	RES-CHIP	22	5%	1/16W
R4503	1-218-929-11	RES-CHIP	10	5%	1/16W	R4627	1-218-933-11	RES-CHIP	22	5%	1/16W
R4504	1-218-929-11	RES-CHIP	10	5%	1/16W	R4628	1-218-929-11	RES-CHIP	10	5%	1/16W
R4507	1-208-683-11	METAL CHIP	1K	0.50%	1/16W	R4629	1-218-937-11	RES-CHIP	47	5%	1/16W
R4508	1-208-683-11	METAL CHIP	1K	0.50%	1/16W	R4630	1-218-929-11	RES-CHIP	10	5%	1/16W
R4510	1-208-911-11	METAL CHIP	10K	0.50%	1/16W	R4631	1-218-929-11	RES-CHIP	10	5%	1/16W
R4511	1-208-911-11	METAL CHIP	10K	0.50%	1/16W	R4632	1-218-929-11	RES-CHIP	10	5%	1/16W
R4513	1-218-941-81	RES-CHIP	100	5%	1/16W	R4633	1-218-929-11	RES-CHIP	10	5%	1/16W
R4514	1-218-941-81	RES-CHIP	100	5%	1/16W	R4634	1-218-929-11	RES-CHIP	10	5%	1/16W
R4515	1-218-941-81	RES-CHIP	100	5%	1/16W	R4635	1-218-929-11	RES-CHIP	10	5%	1/16W
R4516	1-218-941-81	RES-CHIP	100	5%	1/16W	R4636	1-218-929-11	RES-CHIP	10	5%	1/16W
R4517	1-208-697-11	METAL CHIP	3.9K	0.50%	1/16W	R4638	1-218-929-11	RES-CHIP	10	5%	1/16W
R4518	1-208-697-11	METAL CHIP	3.9K	0.50%	1/16W	R4639	1-218-929-11	RES-CHIP	10	5%	1/16W
R4519	1-218-973-11	RES-CHIP	47K	5%	1/16W	R4640	1-218-929-11	RES-CHIP	10	5%	1/16W
R4520	1-218-973-11	RES-CHIP	47K	5%	1/16W	R4641	1-218-929-11	RES-CHIP	10	5%	1/16W
R4525	1-218-941-81	RES-CHIP	100	5%	1/16W	R4642	1-218-929-11	RES-CHIP	10	5%	1/16W
R4528	1-218-941-81	RES-CHIP	100	5%	1/16W	R4643	1-218-929-11	RES-CHIP	10	5%	1/16W
R4533	1-218-973-11	RES-CHIP	47K	5%	1/16W	R4644	1-218-929-11	RES-CHIP	10	5%	1/16W
R4534	1-218-973-11	RES-CHIP	47K	5%	1/16W	R4645	1-208-923-11	METAL CHIP	33K	0.50%	1/16W
R4545	1-218-990-81	SHORT CHIP				R4646	1-208-923-11	METAL CHIP	33K	0.50%	1/16W
R4557	1-218-990-81	SHORT CHIP				R4647	1-218-967-11	RES-CHIP	15K	5%	1/16W
R4561	1-218-965-11	RES-CHIP	10K	5%	1/16W	R4648	1-218-967-11	RES-CHIP	15K	5%	1/16W
R4574	1-208-699-11	METAL CHIP	4.7K	0.50%	1/16W	R4649	1-218-929-11	RES-CHIP	10	5%	1/16W
R4577	1-218-990-81	SHORT CHIP				R4650	1-218-929-11	RES-CHIP	10	5%	1/16W
R4578	1-218-990-81	SHORT CHIP				R5003	1-218-990-81	SHORT CHIP			
R4584	1-218-937-11	RES-CHIP	47	5%	1/16W	R5004	1-218-990-81	SHORT CHIP			
R4585	1-218-937-11	RES-CHIP	47	5%	1/16W	R5005	1-218-933-11	RES-CHIP	22	5%	1/16W



REF. NO.	PART NO.	DESCRIPTION	VALUES			REF. NO.	PART NO.	DESCRIPTION	VALUES		
R5006	1-218-941-81	RES-CHIP	100	5%	1/16W	R5144	1-218-937-11	RES-CHIP	47	5%	1/16W
R5007	1-218-941-81	RES-CHIP	100	5%	1/16W	R5145	1-218-937-11	RES-CHIP	47	5%	1/16W
R5008	1-218-933-11	RES-CHIP	22	5%	1/16W	R5149	1-218-990-81	SHORT CHIP			
R5009	1-218-933-11	RES-CHIP	22	5%	1/16W	R5155	1-218-965-11	RES-CHIP	10K	5%	1/16W
R5010	1-218-990-81	SHORT CHIP				R5156	1-218-965-11	RES-CHIP	10K	5%	1/16W
R5013	1-218-937-11	RES-CHIP	47	5%	1/16W	R5157	1-218-937-11	RES-CHIP	47	5%	1/16W
R5014	1-218-937-11	RES-CHIP	47	5%	1/16W	R5158	1-218-937-11	RES-CHIP	47	5%	1/16W
R5016	1-218-969-11	RES-CHIP	22K	5%	1/16W	R5159	1-218-937-11	RES-CHIP	47	5%	1/16W
R5017	1-218-985-11	RES-CHIP	470K	5%	1/16W	R5160	1-218-937-11	RES-CHIP	47	5%	1/16W
R5018	1-218-933-11	RES-CHIP	22	5%	1/16W	R5164	1-218-965-11	RES-CHIP	10K	5%	1/16W
R5019	1-218-945-11	RES-CHIP	220	5%	1/16W	R5165	1-218-965-11	RES-CHIP	10K	5%	1/16W
R5021	1-218-945-11	RES-CHIP	220	5%	1/16W	R5169	1-218-957-11	RES-CHIP	2.2K	5%	1/16W
R5022	1-218-947-11	RES-CHIP	330	5%	1/16W	R5170	1-218-965-11	RES-CHIP	10K	5%	1/16W
R5024	1-218-990-81	SHORT CHIP				R5171	1-218-965-11	RES-CHIP	10K	5%	1/16W
R5025	1-218-990-81	SHORT CHIP				R5172	1-218-969-11	RES-CHIP	22K	5%	1/16W
R5026	1-208-893-11	METAL CHIP	1.8K	0.50%	1/16W	R5173	1-218-957-11	RES-CHIP	2.2K	5%	1/16W
R5027	1-218-985-11	RES-CHIP	470K	5%	1/16W	R5174	1-218-965-11	RES-CHIP	10K	5%	1/16W
R5032	1-218-990-81	SHORT CHIP				R5177	1-218-965-11	RES-CHIP	10K	5%	1/16W
R5033	1-218-990-81	SHORT CHIP				R5179	1-218-977-11	RES-CHIP	100K	5%	1/16W
R5034	1-218-990-81	SHORT CHIP				R5181	1-218-965-11	RES-CHIP	10K	5%	1/16W
R5036	1-218-969-11	RES-CHIP	22K	5%	1/16W	R5182	1-218-929-11	RES-CHIP	10	5%	1/16W
R5038	1-208-695-11	METAL CHIP	3.3K	0.50%	1/16W	R5183	1-218-965-11	RES-CHIP	10K	5%	1/16W
R5044	1-218-990-81	SHORT CHIP				R5184	1-218-990-81	SHORT CHIP			
R5045	1-218-990-81	SHORT CHIP				R5185	1-218-953-11	RES-CHIP	1K	5%	1/16W
R5046	1-218-990-81	SHORT CHIP				R5188	1-218-965-11	RES-CHIP	10K	5%	1/16W
R5047	1-218-990-81	SHORT CHIP				R5189	1-218-965-11	RES-CHIP	10K	5%	1/16W
R5048	1-218-937-11	RES-CHIP	47	5%	1/16W	R5190	1-218-965-11	RES-CHIP	10K	5%	1/16W
R5108	1-218-969-11	RES-CHIP	22K	5%	1/16W	R5193	1-218-935-11	RES-CHIP	33	5%	1/16W
R5109	1-218-969-11	RES-CHIP	22K	5%	1/16W	R5196	1-218-965-11	RES-CHIP	10K	5%	1/16W
R5110	1-218-969-11	RES-CHIP	22K	5%	1/16W	R5197	1-218-973-11	RES-CHIP	47K	5%	1/16W
R5114	1-218-990-81	SHORT CHIP				R5201	1-218-953-11	RES-CHIP	1K	5%	1/16W
R5116	1-218-973-11	RES-CHIP	47K	5%	1/16W	R5202	1-218-965-11	RES-CHIP	10K	5%	1/16W
R5117	1-218-935-11	RES-CHIP	33	5%	1/16W	R5204	1-218-935-11	RES-CHIP	33	5%	1/16W
R5118	1-218-935-11	RES-CHIP	33	5%	1/16W	R5205	1-218-965-11	RES-CHIP	10K	5%	1/16W
R5119	1-218-990-81	SHORT CHIP				R5206	1-218-965-11	RES-CHIP	10K	5%	1/16W
R5120	1-218-990-81	SHORT CHIP				R5207	1-218-945-11	RES-CHIP	220	5%	1/16W
R5122	1-218-965-11	RES-CHIP	10K	5%	1/16W	R5209	1-218-965-11	RES-CHIP	10K	5%	1/16W
R5123	1-218-990-81	SHORT CHIP				R5215	1-218-969-11	RES-CHIP	22K	5%	1/16W
R5126	1-218-990-81	SHORT CHIP				R5216	1-218-969-11	RES-CHIP	22K	5%	1/16W
R5129	1-218-935-11	RES-CHIP	33	5%	1/16W	R5217	1-218-969-11	RES-CHIP	22K	5%	1/16W
R5130	1-208-677-11	METAL CHIP	560	0.50%	1/16W	R5218	1-218-965-11	RES-CHIP	10K	5%	1/16W
R5132	1-218-935-11	RES-CHIP	33	5%	1/16W	R5219	1-218-965-11	RES-CHIP	10K	5%	1/16W
R5137	1-218-990-81	SHORT CHIP				R5221	1-218-965-11	RES-CHIP	10K	5%	1/16W
R5138	1-218-990-81	SHORT CHIP				R5241	1-218-941-81	RES-CHIP	100	5%	1/16W
R5140	1-218-965-11	RES-CHIP	10K	5%	1/16W	R5242	1-218-965-11	RES-CHIP	10K	5%	1/16W



REF. NO.	PART NO.	DESCRIPTION	VALUES			REF. NO.	PART NO.	DESCRIPTION	VALUES		
R5243	1-218-965-11	RES-CHIP	10K	5%	1/16W	R5326	1-208-683-11	METAL CHIP	1K	0.50%	1/16W
R5244	1-218-965-11	RES-CHIP	10K	5%	1/16W	R5333	1-218-990-81	SHORT CHIP			
R5245	1-218-965-11	RES-CHIP	10K	5%	1/16W	R5334	1-218-933-11	RES-CHIP	22	5%	1/16W
R5250	1-218-990-81	SHORT CHIP				R5335	1-218-933-11	RES-CHIP	22	5%	1/16W
R5252	1-218-965-11	RES-CHIP	10K	5%	1/16W	R5336	1-218-933-11	RES-CHIP	22	5%	1/16W
R5253	1-218-965-11	RES-CHIP	10K	5%	1/16W	R5337	1-218-933-11	RES-CHIP	22	5%	1/16W
R5255	1-218-965-11	RES-CHIP	10K	5%	1/16W	R5340	1-218-933-11	RES-CHIP	22	5%	1/16W
R5256	1-218-990-81	SHORT CHIP				R5341	1-218-933-11	RES-CHIP	22	5%	1/16W
R5257	1-218-933-11	RES-CHIP	22	5%	1/16W	R5342	1-218-933-11	RES-CHIP	22	5%	1/16W
R5258	1-218-941-81	RES-CHIP	100	5%	1/16W	R5343	1-208-683-11	METAL CHIP	1K	0.50%	1/16W
R5259	1-218-955-11	RES-CHIP	1.5K	5%	1/16W	R5344	1-218-933-11	RES-CHIP	22	5%	1/16W
R5260	1-218-937-11	RES-CHIP	47	5%	1/16W	R5356	1-218-990-81	SHORT CHIP			
R5261	1-218-937-11	RES-CHIP	47	5%	1/16W	R5357	1-208-683-11	METAL CHIP	1K	0.50%	1/16W
R5262	1-208-715-11	METAL CHIP	22K	0.50%	1/16W	R5912	1-218-990-81	SHORT CHIP			
R5263	1-218-965-11	RES-CHIP	10K	5%	1/16W	R5913	1-218-990-81	SHORT CHIP			
R5264	1-218-934-11	RES-CHIP	27	5%	1/16W	R5915	1-218-990-81	SHORT CHIP			
R5265	1-218-934-11	RES-CHIP	27	5%	1/16W	R5918	1-218-990-81	SHORT CHIP			
R5267	1-208-683-11	METAL CHIP	1K	0.50%	1/16W	R5919	1-218-990-81	SHORT CHIP			
R5268	1-208-683-11	METAL CHIP	1K	0.50%	1/16W	R5920	1-218-990-81	SHORT CHIP			
R5269	1-208-671-11	METAL CHIP	330	0.50%	1/16W	R5923	1-218-937-11	RES-CHIP	47	5%	1/16W
R5270	1-208-683-11	METAL CHIP	1K	0.50%	1/16W	R5924	1-218-990-81	SHORT CHIP			
R5271	1-218-990-81	SHORT CHIP				R5925	1-218-941-81	RES-CHIP	100	5%	1/16W
R5300	1-218-933-11	RES-CHIP	22	5%	1/16W	R7023	1-216-823-11	METAL CHIP	1.5K	5%	1/10W
R5301	1-218-990-81	SHORT CHIP				R7024	1-218-941-81	RES-CHIP	100	5%	1/16W
R5302	1-218-965-11	RES-CHIP	10K	5%	1/16W	R7025	1-208-936-11	METAL CHIP	110K	0.50%	1/16W
R5303	1-218-933-11	RES-CHIP	22	5%	1/16W	R7026	1-208-935-11	METAL CHIP	100K	0.50%	1/16W
R5304	1-218-933-11	RES-CHIP	22	5%	1/16W	R7027	1-218-965-11	RES-CHIP	10K	5%	1/16W
R5305	1-218-990-81	SHORT CHIP				R7028	1-208-956-81	METAL CHIP	750K	0.50%	1/16W
R5307	1-218-933-11	RES-CHIP	22	5%	1/16W	R7030	1-218-961-11	RES-CHIP	4.7K	5%	1/16W
R5308	1-218-933-11	RES-CHIP	22	5%	1/16W	R7032	1-218-990-81	SHORT CHIP			
R5309	1-218-933-11	RES-CHIP	22	5%	1/16W	R7034	1-218-977-11	RES-CHIP	100K	5%	1/16W
R5310	1-218-933-11	RES-CHIP	22	5%	1/16W	R7035	1-208-695-11	METAL CHIP	3.3K	0.50%	1/16W
R5311	1-218-933-11	RES-CHIP	22	5%	1/16W	R7036	1-218-982-11	RES-CHIP	270K	5%	1/16W
R5312	1-218-933-11	RES-CHIP	22	5%	1/16W	R7037	1-208-687-11	METAL CHIP	1.5K	0.50%	1/16W
R5313	1-218-965-11	RES-CHIP	10K	5%	1/16W	R7038	1-208-923-11	METAL CHIP	33K	0.50%	1/16W
R5315	1-218-933-11	RES-CHIP	22	5%	1/16W	R7039	1-208-715-11	METAL CHIP	22K	0.50%	1/16W
R5316	1-218-933-11	RES-CHIP	22	5%	1/16W	R7040	1-208-715-11	METAL CHIP	22K	0.50%	1/16W
R5318	1-218-933-11	RES-CHIP	22	5%	1/16W	R7041	1-208-927-11	METAL CHIP	47K	0.50%	1/16W
R5319	1-218-933-11	RES-CHIP	22	5%	1/16W	R7042	1-218-982-11	RES-CHIP	270K	5%	1/16W
R5320	1-218-933-11	RES-CHIP	22	5%	1/16W	R7043	1-208-923-11	METAL CHIP	33K	0.50%	1/16W
R5321	1-218-933-11	RES-CHIP	22	5%	1/16W	R7044	1-208-929-81	METAL CHIP	56K	0.50%	1/16W
R5322	1-218-933-11	RES-CHIP	22	5%	1/16W	R7045	1-208-923-11	METAL CHIP	33K	0.50%	1/16W
R5323	1-218-933-11	RES-CHIP	22	5%	1/16W	R7046	1-208-923-11	METAL CHIP	33K	0.50%	1/16W
R5324	1-218-933-11	RES-CHIP	22	5%	1/16W	R7047	1-208-691-11	METAL CHIP	2.2K	0.50%	1/16W
R5325	1-208-683-11	METAL CHIP	1K	0.50%	1/16W	R7048	1-218-941-81	RES-CHIP	100	5%	1/16W



REF. NO.	PART NO.	DESCRIPTION	VALUES			REF. NO.	PART NO.	DESCRIPTION	VALUES		
R7049	1-208-691-11	METAL CHIP	2.2K	0.50%	1/16W	R7323	1-218-933-11	RES-CHIP	22	5%	1/16W
R7050	1-218-941-81	RES-CHIP	100	5%	1/16W	R7324	1-218-933-11	RES-CHIP	22	5%	1/16W
R7051	1-218-941-81	RES-CHIP	100	5%	1/16W	R7325	1-218-933-11	RES-CHIP	22	5%	1/16W
R7052	1-208-691-11	METAL CHIP	2.2K	0.50%	1/16W	R7327	1-218-977-11	RES-CHIP	100K	5%	1/16W
R7053	1-218-941-81	RES-CHIP	100	5%	1/16W	R7328	1-218-959-11	RES-CHIP	3.3K	5%	1/16W
R7054	1-208-691-11	METAL CHIP	2.2K	0.50%	1/16W	R7329	1-218-967-11	RES-CHIP	15K	5%	1/16W
R7055	1-208-935-11	METAL CHIP	100K	0.50%	1/16W	R7330	1-218-959-11	RES-CHIP	3.3K	5%	1/16W
R7056	1-208-935-11	METAL CHIP	100K	0.50%	1/16W	R7331	1-218-967-11	RES-CHIP	15K	5%	1/16W
R7057	1-208-935-11	METAL CHIP	100K	0.50%	1/16W	R7332	1-218-967-11	RES-CHIP	15K	5%	1/16W
R7058	1-208-935-11	METAL CHIP	100K	0.50%	1/16W	R7333	1-218-967-11	RES-CHIP	15K	5%	1/16W
R7059	1-218-937-11	RES-CHIP	47	5%	1/16W	R7344	1-220-803-81	RES-CHIP	4.7	5%	1/16W
R7060	1-218-937-11	RES-CHIP	47	5%	1/16W	R7345	1-220-803-81	RES-CHIP	4.7	5%	1/16W
R7061	1-218-937-11	RES-CHIP	47	5%	1/16W	R7401	1-208-855-81	METAL CHIP	47	0.50%	1/16W
R7062	1-218-937-11	RES-CHIP	47	5%	1/16W	R7402	1-208-683-11	METAL CHIP	1K	0.50%	1/16W
R7063	1-218-990-81	SHORT CHIP				R7403	1-208-683-11	METAL CHIP	1K	0.50%	1/16W
R7064	1-218-990-81	SHORT CHIP				R7404	1-208-683-11	METAL CHIP	1K	0.50%	1/16W
R7065	1-208-911-11	METAL CHIP	10K	0.50%	1/16W	R7405	1-208-683-11	METAL CHIP	1K	0.50%	1/16W
R7066	1-208-709-11	METAL CHIP	12K	0.50%	1/16W	R7406	1-208-683-11	METAL CHIP	1K	0.50%	1/16W
R7067	1-208-911-11	METAL CHIP	10K	0.50%	1/16W	R7407	1-208-683-11	METAL CHIP	1K	0.50%	1/16W
R7068	1-208-911-11	METAL CHIP	10K	0.50%	1/16W	R7408	1-208-683-11	METAL CHIP	1K	0.50%	1/16W
R7069	1-216-295-91	SHORT CHIP				R7411	1-208-911-11	METAL CHIP	10K	0.50%	1/16W
R7070	1-216-295-91	SHORT CHIP				R7501	1-218-957-11	RES-CHIP	2.2K	5%	1/16W
R7071	1-220-802-11	RES-CHIP	3.3	5%	1/16W	R7506	1-218-965-11	RES-CHIP	10K	5%	1/16W
R7072	1-220-802-11	RES-CHIP	3.3	5%	1/16W	R7507	1-218-965-11	RES-CHIP	10K	5%	1/16W
R7073	1-220-802-11	RES-CHIP	3.3	5%	1/16W	R7508	1-218-977-11	RES-CHIP	100K	5%	1/16W
R7074	1-220-802-11	RES-CHIP	3.3	5%	1/16W	R7516	1-218-965-11	RES-CHIP	10K	5%	1/16W
R7079	1-216-295-91	SHORT CHIP				R7517	1-218-965-11	RES-CHIP	10K	5%	1/16W
R7080	1-216-295-91	SHORT CHIP				R7518	1-218-941-81	RES-CHIP	100	5%	1/16W
R7081	1-216-295-91	SHORT CHIP				R7519	1-218-941-81	RES-CHIP	100	5%	1/16W
R7082	1-216-295-91	SHORT CHIP				R7521	1-218-965-11	RES-CHIP	10K	5%	1/16W
R7200	1-218-989-11	RES-CHIP	1M	5%	1/16W	R7526	1-218-965-11	RES-CHIP	10K	5%	1/16W
R7307	1-218-965-11	RES-CHIP	10K	5%	1/16W	R7528	1-218-953-11	RES-CHIP	1K	5%	1/16W
R7308	1-218-941-81	RES-CHIP	100	5%	1/16W	R7529	1-218-985-11	RES-CHIP	470K	5%	1/16W
R7309	1-218-990-81	SHORT CHIP				R7532	1-218-990-81	SHORT CHIP			
R7310	1-218-941-81	RES-CHIP	100	5%	1/16W	R7533	1-242-967-81	RES-CHIP	1	5%	1/16W
R7311	1-218-941-81	RES-CHIP	100	5%	1/16W	R7535	1-218-990-81	SHORT CHIP			
R7314	1-218-990-81	SHORT CHIP				R7536	1-218-965-11	RES-CHIP	10K	5%	1/16W
R7315	1-218-990-81	SHORT CHIP				R7538	1-218-990-81	SHORT CHIP			
R7316	1-218-990-81	SHORT CHIP				R7602	1-218-933-11	RES-CHIP	22	5%	1/16W
R7317	1-220-803-81	RES-CHIP	4.7	5%	1/16W	R7603	1-218-933-11	RES-CHIP	22	5%	1/16W
R7318	1-220-803-81	RES-CHIP	4.7	5%	1/16W	R7604	1-218-933-11	RES-CHIP	22	5%	1/16W
R7319	1-218-990-81	SHORT CHIP				R7605	1-218-933-11	RES-CHIP	22	5%	1/16W
R7320	1-218-941-81	RES-CHIP	100	5%	1/16W	R7606	1-218-933-11	RES-CHIP	22	5%	1/16W
R7321	1-218-933-11	RES-CHIP	22	5%	1/16W	R7607	1-218-933-11	RES-CHIP	22	5%	1/16W
R7322	1-218-933-11	RES-CHIP	22	5%	1/16W	R7608	1-218-973-11	RES-CHIP	47K	5%	1/16W



REF. NO.	PART NO.	DESCRIPTION	VALUES			REF. NO.	PART NO.	DESCRIPTION	VALUES		
R7609	1-218-965-11	RES-CHIP	10K	5%	1/16W	R7869	1-218-941-81	RES-CHIP	100	5%	1/16W
R7610	1-218-953-11	RES-CHIP	1K	5%	1/16W	R7952	1-218-990-81	SHORT CHIP			
R7611	1-218-933-11	RES-CHIP	22	5%	1/16W	R7953	1-218-990-81	SHORT CHIP			
R7703	1-218-941-81	RES-CHIP	100	5%	1/16W	R7954	1-208-893-11	METAL CHIP	1.8K	0.50%	1/16W
R7704	1-218-941-81	RES-CHIP	100	5%	1/16W	R7964	1-218-969-11	RES-CHIP	22K	5%	1/16W
R7705	1-218-941-81	RES-CHIP	100	5%	1/16W	R7965	1-208-928-11	METAL CHIP	51K	0.50%	1/16W
R7706	1-218-935-11	RES-CHIP	33	5%	1/16W	R7967	1-218-941-81	RES-CHIP	100	5%	1/16W
R7707	1-218-941-81	RES-CHIP	100	5%	1/16W	R7969	1-220-203-11	RES-CHIP	51K	5%	1/16W
R7708	1-218-941-81	RES-CHIP	100	5%	1/16W	R7970	1-218-969-11	RES-CHIP	22K	5%	1/16W
R7709	1-218-941-81	RES-CHIP	100	5%	1/16W	R7971	1-218-941-81	RES-CHIP	100	5%	1/16W
R7710	1-218-935-11	RES-CHIP	33	5%	1/16W	R7972	1-218-959-11	RES-CHIP	3.3K	5%	1/16W
R7711	1-218-965-11	RES-CHIP	10K	5%	1/16W	R7973	1-218-959-11	RES-CHIP	3.3K	5%	1/16W
R7712	1-218-935-11	RES-CHIP	33	5%	1/16W	R7974	1-218-941-81	RES-CHIP	100	5%	1/16W
R7714	1-218-953-11	RES-CHIP	1K	5%	1/16W	R7975	1-218-941-81	RES-CHIP	100	5%	1/16W
R7715	1-218-953-11	RES-CHIP	1K	5%	1/16W	R7976	1-208-663-11	METAL CHIP	150	0.50%	1/16W
R7716	1-218-935-11	RES-CHIP	33	5%	1/16W	RESISTOR BRIDGE					
R7717	1-218-935-11	RES-CHIP	33	5%	1/16W	RB3002	1-234-944-21	RES, NETWORK 47	(1005X4)		
R7718	1-218-953-11	RES-CHIP	1K	5%	1/16W	RB3003	1-234-944-21	RES, NETWORK 47	(1005X4)		
R7800	1-218-953-11	RES-CHIP	1K	5%	1/16W	RB3004	1-236-908-11	NETWORK RESISTOR(CHIP)		10K	
R7801	1-218-941-81	RES-CHIP	100	5%	1/16W	RB3006	1-234-945-21	RES, NETWORK 100	(1005X4)		
R7802	1-218-941-81	RES-CHIP	100	5%	1/16W	RB3007	1-234-945-21	RES, NETWORK 100	(1005X4)		
R7808	1-218-949-11	RES-CHIP	470	5%	1/16W	RB3008	1-234-945-21	RES, NETWORK 100	(1005X4)		
R7809	1-218-965-11	RES-CHIP	10K	5%	1/16W	RB3009	1-234-945-21	RES, NETWORK 100	(1005X4)		
R7811	1-218-965-11	RES-CHIP	10K	5%	1/16W	RB3011	1-234-945-21	RES, NETWORK 100	(1005X4)		
R7821	1-218-969-11	RES-CHIP	22K	5%	1/16W	RB3012	1-234-944-21	RES, NETWORK 47	(1005X4)		
R7822	1-218-969-11	RES-CHIP	22K	5%	1/16W	RB3016	1-234-945-21	RES, NETWORK 100	(1005X4)		
R7829	1-218-961-11	RES-CHIP	4.7K	5%	1/16W	RB3021	1-234-945-21	RES, NETWORK 100	(1005X4)		
R7831	1-218-989-11	RES-CHIP	1M	5%	1/16W	RB3022	1-234-945-21	RES, NETWORK 100	(1005X4)		
R7834	1-218-957-11	RES-CHIP	2.2K	5%	1/16W	RB3023	1-234-944-21	RES, NETWORK 47	(1005X4)		
R7836	1-218-990-81	SHORT CHIP				RB3024	1-234-944-21	RES, NETWORK 47	(1005X4)		
R7838	1-218-958-11	RES-CHIP	2.7K	5%	1/16W	RB3025	1-234-369-21	RES, NETWORK 10	(1005X4)		
R7839	1-208-697-11	METAL CHIP	3.9K	0.50%	1/16W	RB3026	1-234-945-21	RES, NETWORK 100	(1005X4)		
R7840	1-208-883-81	METAL CHIP	680	0.50%	1/16W	RB3206	1-234-378-21	RES, NETWORK 10K	(1005X4)		
R7843	1-208-883-81	METAL CHIP	680	0.50%	1/16W	RB3210	1-234-944-21	RES, NETWORK 47	(1005X4)		
R7844	1-208-883-81	METAL CHIP	680	0.50%	1/16W	RB3212	1-234-944-21	RES, NETWORK 47	(1005X4)		
R7847	1-218-941-11	RES-CHIP	100	5%	1/16W	RB3213	1-234-944-21	RES, NETWORK 47	(1005X4)		
R7848	1-218-989-11	RES-CHIP	1M	5%	1/16W	RB3214	1-234-944-21	RES, NETWORK 47	(1005X4)		
R7849	1-208-715-11	METAL CHIP	22K	0.50%	1/16W	RB3215	1-234-945-21	RES, NETWORK 100	(1005X4)		
R7851	1-218-959-11	RES-CHIP	3.3K	5%	1/16W	RB3216	1-234-945-21	RES, NETWORK 100	(1005X4)		
R7852	1-218-978-11	RES-CHIP	120K	5%	1/16W	RB3219	1-234-944-21	RES, NETWORK 47	(1005X4)		
R7853	1-218-965-11	RES-CHIP	10K	5%	1/16W	RB3220	1-234-945-21	RES, NETWORK 100	(1005X4)		
R7854	1-218-990-81	SHORT CHIP				RB3221	1-234-945-21	RES, NETWORK 100	(1005X4)		
R7855	1-218-990-81	SHORT CHIP				RB3222	1-234-944-21	RES, NETWORK 47	(1005X4)		
R7857	1-218-941-81	RES-CHIP	100	5%	1/16W	RB3224	1-234-943-21	RES, NETWORK 22	(1005X4)		
R7868	1-208-893-11	METAL CHIP	1.8K	0.50%	1/16W						

NOTE: The components identified by shading and  mark are critical for safety. Replace only with part number specified.

NOTE: Les composants identifiés par un trame et une  sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.



REF. NO.	PART NO.	DESCRIPTION	VALUES	REF. NO.	PART NO.	DESCRIPTION	VALUES
RB3225	1-234-943-21	RES, NETWORK 22	(1005X4)	RB5315	1-234-943-21	RES, NETWORK 22	(1005X4)
RB3226	1-234-943-21	RES, NETWORK 22	(1005X4)	RB5316	1-234-943-21	RES, NETWORK 22	(1005X4)
				RB5317	1-234-943-21	RES, NETWORK 22	(1005X4)
RB3227	1-234-943-21	RES, NETWORK 22	(1005X4)				
RB3233	1-234-943-21	RES, NETWORK 22	(1005X4)	RB5327	1-234-943-21	RES, NETWORK 22	(1005X4)
RB4513	1-234-944-21	RES, NETWORK 47	(1005X4)	RB5328	1-234-943-21	RES, NETWORK 22	(1005X4)
RB4514	1-234-944-21	RES, NETWORK 47	(1005X4)	RB5330	1-234-943-21	RES, NETWORK 22	(1005X4)
RB4515	1-234-944-21	RES, NETWORK 47	(1005X4)	RB5331	1-234-943-21	RES, NETWORK 22	(1005X4)
				RB5333	1-234-943-21	RES, NETWORK 22	(1005X4)
RB4516	1-234-944-21	RES, NETWORK 47	(1005X4)				
RB4517	1-234-944-21	RES, NETWORK 47	(1005X4)	RB5334	1-234-943-21	RES, NETWORK 22	(1005X4)
RB4518	1-234-944-21	RES, NETWORK 47	(1005X4)	RB5335	1-234-943-21	RES, NETWORK 22	(1005X4)
RB4519	1-234-944-21	RES, NETWORK 47	(1005X4)	RB5336	1-234-943-21	RES, NETWORK 22	(1005X4)
RB4520	1-234-944-21	RES, NETWORK 47	(1005X4)	RB5900	1-234-892-21	RES, CHIP NETWORK	33X8 (3816)
				RB5901	1-234-892-21	RES, CHIP NETWORK	33X8 (3816)
RB4521	1-234-944-21	RES, NETWORK 47	(1005X4)				
RB4522	1-234-944-21	RES, NETWORK 47	(1005X4)	RB5902	1-234-892-21	RES, CHIP NETWORK	33X8 (3816)
RB4523	1-234-944-21	RES, NETWORK 47	(1005X4)	RB5903	1-234-892-21	RES, CHIP NETWORK	33X8 (3816)
RB4524	1-234-944-21	RES, NETWORK 47	(1005X4)	RB5904	1-234-892-21	RES, CHIP NETWORK	33X8 (3816)
RB4525	1-234-944-21	RES, NETWORK 47	(1005X4)	RB5905	1-234-892-21	RES, CHIP NETWORK	33X8 (3816)
				RB5906	1-234-892-21	RES, CHIP NETWORK	33X8 (3816)
RB4526	1-234-944-21	RES, NETWORK 47	(1005X4)				
RB5006	1-234-945-21	RES, NETWORK 100	(1005X4)	RB5907	1-234-892-21	RES, CHIP NETWORK	33X8 (3816)
RB5007	1-234-945-21	RES, NETWORK 100	(1005X4)	RB7600	1-234-943-21	RES, NETWORK 22	(1005X4)
RB5008	1-234-945-21	RES, NETWORK 100	(1005X4)	RB7601	1-234-943-21	RES, NETWORK 22	(1005X4)
RB5009	1-234-945-21	RES, NETWORK 100	(1005X4)	RB7602	1-234-943-21	RES, NETWORK 22	(1005X4)
				RB7603	1-234-943-21	RES, NETWORK 22	(1005X4)
RB5010	1-234-944-21	RES, NETWORK 47	(1005X4)				
RB5011	1-234-944-21	RES, NETWORK 47	(1005X4)	RB7604	1-234-943-21	RES, NETWORK 22	(1005X4)
RB5012	1-234-944-21	RES, NETWORK 47	(1005X4)	RB7605	1-234-943-21	RES, NETWORK 22	(1005X4)
RB5013	1-234-944-21	RES, NETWORK 47	(1005X4)	RB7606	1-234-943-21	RES, NETWORK 22	(1005X4)
RB5014	1-234-400-21	CONDUCTOR, NETWORK	(1005X4)	RB7607	1-234-378-21	RES, NETWORK 10K	(1005X4)
				RB7608	1-234-943-21	RES, NETWORK 22	(1005X4)
RB5015	1-234-400-21	CONDUCTOR, NETWORK	(1005X4)				
RB5017	1-234-400-21	CONDUCTOR, NETWORK	(1005X4)	RB7609	1-234-943-21	RES, NETWORK 22	(1005X4)
RB5300	1-234-943-21	RES, NETWORK 22	(1005X4)	RB7610	1-234-943-21	RES, NETWORK 22	(1005X4)
RB5301	1-234-711-21	RES, CHIP NETWORK	22X8 (3816)	RB7611	1-234-943-21	RES, NETWORK 22	(1005X4)
RB5302	1-234-711-21	RES, CHIP NETWORK	22X8 (3816)				
RB5303	1-234-711-21	RES, CHIP NETWORK	22X8 (3816)				
RB5304	1-234-943-21	RES, NETWORK 22	(1005X4)				
RB5305	1-234-943-21	RES, NETWORK 22	(1005X4)				
RB5306	1-234-943-21	RES, NETWORK 22	(1005X4)				
RB5307	1-234-943-21	RES, NETWORK 22	(1005X4)				
RB5308	1-234-943-21	RES, NETWORK 22	(1005X4)				
RB5309	1-234-943-21	RES, NETWORK 22	(1005X4)				
RB5310	1-234-943-21	RES, NETWORK 22	(1005X4)				
RB5311	1-234-711-21	RES, CHIP NETWORK	22X8 (3816)				
RB5312	1-234-943-21	RES, NETWORK 22	(1005X4)				
RB5313	1-234-378-11	RES, NETWORK 10K	(1005X4)				
RB5314	1-234-378-11	RES, NETWORK 10K	(1005X4)				

SWITCH

S5101 1-771-709-21 SWITCH, SLIDE

TUNER

 TU7800 8-597-611-00 TUNER, FSS BTF-CA411Z

VARISTOR

VD4501 1-805-774-21 VARISTOR, CHIP
 VD4502 1-805-774-21 VARISTOR, CHIP
 VD4503 1-805-774-21 VARISTOR, CHIP
 VD4504 1-805-774-21 VARISTOR, CHIP

G

NOTE: The components identified by shading and  mark are critical for safety. Replace only with part number specified.

NOTE: Les composants identifiés per un trame et une marque  sont critiques pour la securite. Ne les remplacer que par une piece portant le numero specifie.



REF. NO.	PART NO.	DESCRIPTION	VALUES			REF. NO.	PART NO.	DESCRIPTION	VALUES		
C6813	1-128-992-21	ELECT CHIP	47μF	20%	25V	D6107	8-719-081-67	DIODE	M1FM3		
C6814	1-100-566-91	CERAMIC CHIP	0.1μF	10%	25V	D6109	6-500-030-01	DIODE	MM3Z16VST1		
C6815	1-128-992-21	ELECT CHIP	47μF	20%	25V						
C6816	1-100-566-91	CERAMIC CHIP	0.1μF	10%	25V	D6297	6-500-335-01	DIODE	MC2838-T112-1		
C6817	1-128-992-21	ELECT CHIP	47μF	20%	25V	⚠ D6300	8-719-077-76	DIODE	D2SB60A-F04		
						D6301	8-719-058-74	DIODE	05NU42-TPA2		
C6818	1-164-156-11	CERAMIC CHIP	0.1μF		25V	D6302	6-500-335-01	DIODE	MC2838-T112-1		
C6819	1-128-992-21	ELECT CHIP	47μF	20%	25V	D6303	6-500-567-31	DIODE	10ERB20-TB3		
C6820	1-164-156-11	CERAMIC CHIP	0.1μF		25V						
C6823	1-162-964-11	CERAMIC CHIP	0.001μF	10%	50V	D6305	6-501-526-01	DIODE	D1NS6-TR2		
C6824	1-162-964-11	CERAMIC CHIP	0.001μF	10%	50V	D6306	6-500-567-31	DIODE	10ERB20-TB3		
						D6307	6-500-335-01	DIODE	MC2838-T112-1		
C6825	1-164-156-11	CERAMIC CHIP	0.1μF		25V	D6308	6-500-567-31	DIODE	10ERB20-TB3		
C6826	1-164-156-11	CERAMIC CHIP	0.1μF		25V	D6309	8-719-058-74	DIODE	05NU42-TPA2		
C6827	1-164-156-11	CERAMIC CHIP	0.1μF		25V						
C6828	1-164-156-11	CERAMIC CHIP	0.1μF		25V	D6800	6-500-335-01	DIODE	MC2838-T112-1		
CONNECTOR						D6801	6-500-335-01	DIODE	MC2838-T112-1		
* CN6002	1-793-660-11	PIN, CONNECTOR (PC BOARD)				D6802	6-500-335-01	DIODE	MC2838-T112-1		
CN6009	1-820-192-11	HEADER ASSEMBLY (PRINT PWB)15P				D6803	6-500-335-01	DIODE	MC2838-T112-1		
⚠ CN6010	1-580-843-11	PIN, CONNECTOR (POWER)				D6804	6-500-335-01	DIODE	MC2838-T112-1		
CN6013	1-695-915-11	TAB (CONTACT)				D6806	6-500-335-01	DIODE	MC2838-T112-1		
* CN6501	1-793-660-11	PIN, CONNECTOR (PC BOARD)				D6808	6-500-335-01	DIODE	MC2838-T112-1		
						D6809	6-500-335-01	DIODE	MC2838-T112-1		
* CN6802	1-508-742-11	PIN, CONNECTOR		3P		D6811	6-500-335-01	DIODE	MC2838-T112-1		
* CN6804	1-819-928-11	HEADER ASSEMBLY		20P		D6812	8-719-069-55	DIODE	UDZSTE-175.6B		
* CN6904	1-820-992-11	HEADER ASSEMBLY FOR PWB				FUSE					
* CN6906	1-819-335-11	HEADER ASSEMBLY FOR PWB,	9P			⚠ F6000	1-532-506-32	FUSE	6.3A	250V	
DIODE						FERRITE BEAD					
D6000	8-719-510-53	DIODE	D4SB60L			FB6004	1-412-911-11	FERRITE	0μH		
D6001	6-501-526-01	DIODE	D1NS6-TR2			FB6005	1-412-911-11	FERRITE	0μH		
D6002	6-501-526-01	DIODE	D1NS6-TR2			FB6100	1-410-397-21	FERRITE	1.1μH		
D6003	6-501-526-01	DIODE	D1NS6-TR2			FB6105	1-410-397-21	FERRITE	1.1μH		
D6004	6-500-335-01	DIODE	MC2838-T112-1								
						IC					
D6014	6-500-335-01	DIODE	MC2838-T112-1			IC6001	6-709-499-01	IC	RT9H301C-T112-1		
D6018	6-501-526-01	DIODE	D1NS6-TR2			IC6002	8-759-640-19	IC	PQ1CG2032FZ		
⚠ D6020	6-501-545-01	DIODE	SG10SC6-F5			IC6003	6-703-124-01	IC	XC6202P902PR		
D6028	6-500-335-01	DIODE	MC2838-T112-1			IC6004	6-709-499-01	IC	RT9H301C-T112-1		
D6029	8-719-052-91	DIODE	D4SBS4-F			IC6007	8-759-640-19	IC	PQ1CG2032FZ		
D6032	6-501-223-01	DIODE	S3G			⚠ IC6100	6-706-852-01	IC	CXD9841M		
D6033	6-501-223-01	DIODE	S3G			⚠ IC6300	6-708-801-01	IC	MIP2H2		
D6039	6-500-335-01	DIODE	MC2838-T112-1			⚠ IC6301	6-709-499-01	IC	RT9H301C-T112-1		
D6102	8-719-081-67	DIODE	M1FM3			IC6800	6-708-659-01	IC	BA00BC0WT-V5		
D6103	8-719-979-64	DIODE	μF4005/23			IC6801	6-708-659-01	IC	BA00BC0WT-V5		
D6104	6-501-043-01	DIODE	UMZ16NT106								
D6105	6-501-043-01	DIODE	UMZ16NT106								
D6106	8-719-081-67	DIODE	M1FM3								

NOTE: The components identified by shading and $\triangle$ mark are critical for safety. Replace only with part number specified.

NOTE: Les composants identifiés par un trame et une marque $\triangle$ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.



REF. NO.	PART NO.	DESCRIPTION	VALUES	REF. NO.	PART NO.	DESCRIPTION	VALUES
IC6802	6-706-740-01	IC	BA00BC0WFP-E2	RESISTOR			
IC6803	6-706-740-01	IC	BA00BC0WFP-E2	R6001	1-218-865-11	METAL CHIP	5.6K 0.50% 1/10W
COIL				R6006	1-218-871-11	METAL CHIP	10K 0.50% 1/10W
L6000	1-406-659-11	INDUCTOR	10 μ H	R6008	1-218-871-11	METAL CHIP	10K 0.50% 1/10W
L6001	1-406-665-11	INDUCTOR	100 μ H	R6010	1-249-385-11	CARBON	2.2 5% 1/4W
L6002	1-412-521-31	INDUCTOR	4.7 μ H	R6012	1-218-859-11	METAL CHIP	3.3K 0.50% 1/10W
L6003	1-406-664-21	INDUCTOR	68 μ H	R6056	1-216-821-11	METAL CHIP	1K 5% 1/10W
L6004	1-406-657-11	INDUCTOR	4.7 μ H	R6059	1-216-864-11	SHORT CHIP	
L6010	1-412-521-31	INDUCTOR	4.7 μ H	R6060	1-216-829-11	METAL CHIP	4.7K 5% 1/10W
L6011	1-456-859-21	LINE	FILTER COIL	R6061	1-216-833-11	METAL CHIP	10K 5% 1/10W
L6012	1-456-859-21	LINE	FILTER COIL	R6062	1-216-833-11	METAL CHIP	10K 5% 1/10W
L6015	1-406-657-11	INDUCTOR	4.7 μ H	R6063	1-216-821-11	METAL CHIP	1K 5% 1/10W
L6016	1-412-525-31	INDUCTOR	10 μ H	R6064	1-216-821-11	METAL CHIP	1K 5% 1/10W
L6017	6-500-567-31	DIODE	10ERB20-TB3	R6065	1-216-821-11	METAL CHIP	1K 5% 1/10W
L6300	1-414-934-21	INDUCTOR	10 μ H	R6068	1-216-864-11	SHORT CHIP	
L6800	1-416-511-11	INDUCTOR	47 μ H	R6070	1-216-833-11	METAL CHIP	10K 5% 1/10W
PHOTO COUPLER				R6072	1-218-861-11	METAL CHIP	3.9K 0.50% 1/10W
PH6001	6-600-187-01	PHOTO COUPLER	PC123Y22JOOF	R6073	1-216-821-11	METAL CHIP	1K 5% 1/10W
PH6002	6-600-187-01	PHOTO COUPLER	PC123Y22JOOF	R6074	1-218-849-11	METAL CHIP	1.2K 0.50% 1/10W
PH6003	6-600-187-01	PHOTO COUPLER	PC123Y22JOOF	R6076	1-216-829-11	METAL CHIP	4.7K 5% 1/10W
PH6300	6-600-187-01	PHOTO COUPLER	PC123Y22JOOF	R6077	1-218-760-11	METAL CHIP	220K 0.50% 1/10W
TRANSISTOR				R6078	1-218-871-11	METAL CHIP	10K 0.50% 1/10W
Q6003	6-551-696-01	TRANSISTOR	ISA1235AC1TP-1EF	R6079	1-218-847-11	METAL CHIP	1K 0.50% 1/10W
Q6004	8-729-620-07	TRANSISTOR	2SC3052EF-T1-LEF	R6080	1-216-829-11	METAL CHIP	4.7K 5% 1/10W
Q6007	8-729-620-07	TRANSISTOR	2SC3052EF-T1-LEF	R6086	1-216-350-11	METAL OXIDE	1.2 5% 1W
$\triangle$ Q6100	6-551-386-01	TRANSISTOR	2SK3563(LBS1SONY)	R6098	1-220-340-11	METAL CHIP	470K 5% 1/2W
$\triangle$ Q6101	6-551-386-01	TRANSISTOR	2SK3563(LBS1SONY)	R6099	1-220-340-11	METAL CHIP	470K 5% 1/2W
Q6800	8-729-027-43	TRANSISTOR	DTC114EKA-T146	$\triangle$ R6102	1-202-933-61	FUSIBLE	0.1 10% 1/2W
Q6801	8-729-620-07	TRANSISTOR	2SC3052EF-T1-LEF	R6103	1-218-823-11	METAL CHIP	100 0.50% 1/10W
Q6802	8-729-620-07	TRANSISTOR	2SC3052EF-T1-LEF	R6104	1-218-875-11	METAL CHIP	15K 0.50% 1/10W
Q6803	6-551-696-01	TRANSISTOR	ISA1235AC1TP-1EF	R6105	1-218-760-11	METAL CHIP	220K 0.50% 1/10W
Q6804	8-729-027-43	TRANSISTOR	DTC114EKA-T146	R6106	1-218-760-11	METAL CHIP	220K 0.50% 1/10W
Q6805	8-729-027-43	TRANSISTOR	DTC114EKA-T146	R6107	1-208-836-11	METAL CHIP	180K 0.50% 1/10W
Q6806	8-729-620-07	TRANSISTOR	2SC3052EF-T1-LEF	R6108	1-208-836-11	METAL CHIP	180K 0.50% 1/10W
Q6807	6-551-696-01	TRANSISTOR	ISA1235AC1TP-1EF	R6109	1-208-836-11	METAL CHIP	180K 0.50% 1/10W
Q6808	8-729-620-07	TRANSISTOR	2SC3052EF-T1-LEF	R6110	1-216-825-11	METAL CHIP	2.2K 5% 1/10W
Q6809	6-551-696-01	TRANSISTOR	ISA1235AC1TP-1EF	R6111	1-218-877-11	METAL CHIP	18K 0.50% 1/10W
Q6810	8-729-620-07	TRANSISTOR	2SC3052EF-T1-LEF	R6114	1-218-823-11	METAL CHIP	100 0.50% 1/10W
Q6811	6-551-696-01	TRANSISTOR	ISA1235AC1TP-1EF	R6115	1-212-897-00	FUSIBLE	470 5% 1/4W
Q6812	8-729-620-07	TRANSISTOR	2SC3052EF-T1-LEF	$\triangle$ R6116	1-249-397-11	CARBON	22 5% 1/4W
Q6813	6-551-696-01	TRANSISTOR	ISA1235AC1TP-1EF	R6117	1-249-397-11	CARBON	22 5% 1/4W
Q6814	8-729-027-43	TRANSISTOR	DTC114EKA-T146	R6118	1-216-833-11	METAL CHIP	10K 5% 1/10W
				R6119	1-216-833-11	METAL CHIP	10K 5% 1/10W
				R6122	1-216-341-11	METAL OXIDE	0.22 5% 1W

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REF. NO.	PART NO.	DESCRIPTION	VALUES			REF. NO.	PART NO.	DESCRIPTION	VALUES		
R6127	1-216-857-11	METAL CHIP	1M	5%	1/10W	R6835	1-218-895-11	METAL CHIP	100K	0.50%	1/10W
R6249	1-219-759-11	METAL	1M	5%	1/2W	R6836	1-218-897-11	METAL CHIP	120K	0.50%	1/10W
$\triangle$ R6259	1-244-207-11	WIREWOUND	3.3	5%	10W	R6837	1-218-895-11	METAL CHIP	100K	0.50%	1/10W
R6261	1-249-417-11	CARBON	1K	5%	1/4W	R6838	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6262	1-216-829-11	METAL CHIP	4.7K	5%	1/10W	R6839	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6263	1-249-389-11	CARBON	4.7	5%	1/4W	R6840	1-216-845-11	METAL CHIP	100K	5%	1/10W
R6267	1-216-841-11	METAL CHIP	47K	5%	1/10W	R6841	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6268	1-216-829-11	METAL CHIP	4.7K	5%	1/10W	R6843	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6273	1-249-389-11	CARBON	4.7	5%	1/4W	R6845	1-216-833-11	METAL CHIP	10K	5%	1/10W
$\triangle$ R6300	1-249-381-11	CARBON	1	5%	1/4W	R6846	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6301	1-243-725-71	METAL OXIDE	100K	5%	1W	R6847	1-216-837-11	METAL CHIP	22K	5%	1/10W
R6302	1-216-830-11	METAL CHIP	5.6K	5%	1/10W	R6848	1-216-841-11	METAL CHIP	47K	5%	1/10W
R6303	1-249-387-11	CARBON	3.3	5%	1/4W	R6849	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6304	1-216-821-11	METAL CHIP	1K	5%	1/10W	R6850	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6305	1-216-825-11	METAL CHIP	2.2K	5%	1/10W	R6853	1-216-821-11	METAL CHIP	1K	5%	1/10W
R6306	1-216-805-11	METAL CHIP	47	5%	1/10W	R6854	1-216-845-11	METAL CHIP	100K	5%	1/10W
R6308	1-218-871-11	METAL CHIP	10K	0.50%	1/10W	R6855	1-218-903-11	METAL CHIP	220K	0.50%	1/10W
R6309	1-218-871-11	METAL CHIP	10K	0.50%	1/10W	R6856	1-216-797-11	METAL CHIP	10	5%	1/10W
R6500	1-220-926-81	FUSIBLE	0.47	10%	1/2W	R6857	1-216-821-11	METAL CHIP	1K	5%	1/10W
R6800	1-400-808-21	FERRITE	0 μ H			R6858	1-216-845-11	METAL CHIP	100K	5%	1/10W
R6801	1-216-864-11	SHORT CHIP				R6860	1-216-845-11	METAL CHIP	100K	5%	1/10W
R6802	1-216-814-11	METAL CHIP	270	5%	1/10W	R6862	1-216-821-11	METAL CHIP	1K	5%	1/10W
R6804	1-216-864-11	SHORT CHIP				R6863	1-216-845-11	METAL CHIP	100K	5%	1/10W
R6805	1-414-760-21	FERRITE	0 μ H			R6864	1-218-899-11	METAL CHIP	150K	0.50%	1/16W
R6806	1-414-760-21	FERRITE	0 μ H			R6865	1-414-760-21	FERRITE	0 μ H		
R6808	1-218-903-11	METAL CHIP	220K	0.50%	1/10W	R6866	1-414-760-21	FERRITE	0 μ H		
R6809	1-218-887-11	METAL CHIP	47K	0.50%	1/10W	R6867	1-414-760-21	FERRITE	0 μ H		
R6811	1-218-903-11	METAL CHIP	220K	0.50%	1/10W	R6868	1-414-760-21	FERRITE	0 μ H		
R6812	1-218-887-11	METAL CHIP	47K	0.50%	1/10W	R6869	1-414-760-21	FERRITE	0 μ H		
R6814	1-218-903-11	METAL CHIP	220K	0.50%	1/10W	R6870	1-414-760-21	FERRITE	0 μ H		
R6815	1-218-887-11	METAL CHIP	47K	0.50%	1/10W	R6871	1-414-760-21	FERRITE	0 μ H		
R6817	1-218-903-11	METAL CHIP	220K	0.50%	1/10W	R6872	1-414-760-21	FERRITE	0 μ H		
R6818	1-218-887-11	METAL CHIP	47K	0.50%	1/10W	R6873	1-414-760-21	FERRITE	0 μ H		
R6819	1-414-760-21	FERRITE	0 μ H			R6874	1-414-760-21	FERRITE	0 μ H		
R6820	1-414-760-21	FERRITE	0 μ H			R6875	1-414-760-21	FERRITE	0 μ H		
R6821	1-414-760-21	FERRITE	0 μ H			R6876	1-216-797-11	METAL CHIP	10	5%	1/10W
R6822	1-414-760-21	FERRITE	0 μ H			R6878	1-216-821-11	METAL CHIP	1K	5%	1/10W
R6824	1-216-833-11	METAL CHIP	10K	5%	1/10W	R6879	1-414-760-21	FERRITE	0 μ H		
R6827	1-414-760-21	FERRITE	0 μ H			R6880	1-414-760-21	FERRITE	0 μ H		
R6828	1-414-760-21	FERRITE	0 μ H			R6881	1-216-864-11	SHORT CHIP			
R6829	1-414-760-21	FERRITE	0 μ H			R6882	1-216-864-11	SHORT CHIP			
R6830	1-216-814-11	METAL CHIP	270	5%	1/10W	R6883	1-216-845-11	METAL CHIP	100K	5%	1/10W
R6833	1-218-895-11	METAL CHIP	100K	0.50%	1/10W	R6884	1-218-895-11	METAL CHIP	100K	0.50%	1/10W
R6834	1-218-897-11	METAL CHIP	120K	0.50%	1/10W						



REF. NO.	PART NO.	DESCRIPTION	VALUES			REF. NO.	PART NO.	DESCRIPTION	VALUES		
R6885	1-216-797-11	METAL CHIP	10	5%	1/10W	RESISTOR					
R6886	1-216-864-11	SHORT CHIP				R100	1-218-831-11	METAL CHIP	220	0.50%	1/10W
R6887	1-216-837-11	METAL CHIP	22K	5%	1/10W	R101	1-218-839-11	METAL CHIP	470	0.50%	1/10W
R6888	1-216-839-11	METAL CHIP	33K	5%	1/10W	R102	1-218-846-11	METAL CHIP	910	0.50%	1/10W
R6920	1-216-833-11	METAL CHIP	10K	5%	1/10W	R103	1-218-853-11	METAL CHIP	1.8K	0.50%	1/10W
						R104	1-218-861-11	METAL CHIP	3.9K	0.50%	1/10W
R6922	1-216-833-11	METAL CHIP	10K	5%	1/10W	SWITCH					
R6990	1-414-760-21	FERRITE	0μH			S100	1-771-410-21	SWITCH, TACTILE			
R6991	1-414-760-21	FERRITE	0μH			S101	1-771-410-21	SWITCH, TACTILE			
R6992	1-414-760-21	FERRITE	0μH			S102	1-771-410-21	SWITCH, TACTILE			
RELAY						S103	1-771-410-21	SWITCH, TACTILE			
RY6001	1-755-388-11	RELAY (AC POWER)				S104	1-771-410-21	SWITCH, TACTILE			
RY6002	1-755-388-11	RELAY (AC POWER)									
SPARK GAP						S105	1-771-410-21	SWITCH, TACTILE			
						S110	1-771-410-21	SWITCH, TACTILE			
SG6000	1-576-487-21	ELEMENT, SPARK				HBE					
TRANSFORMER						A-1283-524-A HBE BOARD, MOUNTED					
T6300	1-445-089-11	CONVERTER TRANSFORMER	(SBT)			CAPACITOR					
T6301	1-445-210-11	CONVERTER TRANSFORMER	(PIT)			C110	1-164-156-11	CERAMIC CHIP	0.1μF		25V
THERMISTOR						C111	1-128-991-21	ELECT CHIP	10μF	20%	50V
TH6300	1-803-586-41	THERMISTOR				C113	1-162-974-11	CERAMIC CHIP	0.01μF		50V
VARISTOR						C118	1-162-974-11	CERAMIC CHIP	0.01μF		50V
VD6000	1-804-996-21	VARISTOR				C119	1-164-156-11	CERAMIC CHIP	0.1μF		25V
VD6001	1-804-991-21	VARISTOR				C120	1-162-974-11	CERAMIC CHIP	0.01μF		50V
VD6003	1-804-991-21	VARISTOR				C121	1-162-974-11	CERAMIC CHIP	0.01μF		50V
HAE						DIODE					
A-1234-133-A HAE BOARD, MOUNTED						D113	6-500-861-01	DIODE			SML-020MVT-T86
CAPACITOR						D114	8-719-064-07	DIODE			SML-310LTT86
C100	1-100-597-91	CERAMIC CHIP	0.1μF	10%	25V	D115	6-500-861-01	DIODE			SML-020MVT-T86
C112	1-162-974-11	CERAMIC CHIP	0.01μF		50V	IC					
CONNECTOR						IC111	6-703-744-01	IC			GP1UE26SXKOF
CN100	1-819-465-11	HEADER ASSEMBLY FOR PWB				TRANSISTOR					
						Q110	8-729-027-43	TRANSISTOR			DTC114EKA-T146
						Q111	8-729-027-43	TRANSISTOR			DTC114EKA-T146
						Q112	8-729-027-43	TRANSISTOR			DTC114EKA-T146
						Q113	8-729-027-43	TRANSISTOR			DTC114EKA-T146

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REF. NO.	PART NO.	DESCRIPTION	VALUES			REF. NO.	PART NO.	DESCRIPTION	VALUES																																																																																
RESISTOR						RESISTOR																																																																																			
R110	1-216-823-11	METAL CHIP	1.5K	5%	1/10W	R180	1-216-849-11	METAL CHIP	220K	5%	1/10W																																																																														
R113	1-216-805-11	METAL CHIP	47	5%	1/10W	R181	1-216-849-11	METAL CHIP	220K	5%	1/10W																																																																														
R114	1-216-864-11	SHORT CHIP				R182	1-218-831-11	METAL CHIP	220	0.50%	1/10W																																																																														
R124	1-216-815-11	METAL CHIP	330	5%	1/10W	R183	1-216-821-11	METAL CHIP	1K	5%	1/10W																																																																														
R125	1-216-815-11	METAL CHIP	330	5%	1/10W	R184	1-216-821-11	METAL CHIP	1K	5%	1/10W																																																																														
R128	1-216-815-11	METAL CHIP	330	5%	1/10W	R186	1-216-864-11	SHORT CHIP																																																																																	
R133	1-218-839-11	METAL CHIP	470	0.50%	1/10W	R187	1-218-831-11	METAL CHIP	220	0.50%	1/10W																																																																														
R137	1-218-839-11	METAL CHIP	470	0.50%	1/10W	R188	1-218-831-11	METAL CHIP	220	0.50%	1/10W																																																																														
HCE A-1234-134-A HCE BOARD, MOUNTED CAPACITOR <table><tr><td>C181</td><td>1-162-964-11</td><td>CERAMIC CHIP</td><td>0.001μF</td><td>10%</td><td>50V</td></tr><tr><td>C182</td><td>1-162-964-11</td><td>CERAMIC CHIP</td><td>0.001μF</td><td>10%</td><td>50V</td></tr><tr><td>C183</td><td>1-124-779-00</td><td>ELECT CHIP</td><td>10μF</td><td>20%</td><td>16V</td></tr><tr><td>C184</td><td>1-124-779-00</td><td>ELECT CHIP</td><td>10μF</td><td>20%</td><td>16V</td></tr><tr><td>C185</td><td>1-164-156-11</td><td>CERAMIC CHIP</td><td>0.1μF</td><td></td><td>25V</td></tr><tr><td>C186</td><td>1-165-908-11</td><td>CERAMIC CHIP</td><td>1μF</td><td>10%</td><td>10V</td></tr><tr><td>C187</td><td>1-162-915-11</td><td>CERAMIC CHIP</td><td>10pF</td><td>0.50pF</td><td>50V</td></tr><tr><td>C188</td><td>1-162-915-11</td><td>CERAMIC CHIP</td><td>10pF</td><td>0.50pF</td><td>50V</td></tr></table> CONNECTOR <table><tr><td>CN180</td><td>1-820-291-11</td><td>HEADER ASSEMBLY (PRINT PWB)</td><td>12P</td></tr><tr><td>CN181</td><td>1-820-287-11</td><td>HEADER ASSEMBLY (PRINT PWB)</td><td></td></tr></table> DIODE <table><tr><td>D183</td><td>8-719-083-58</td><td>DIODE</td><td>UDZSTE-173.9B</td></tr><tr><td>D186</td><td>8-719-069-55</td><td>DIODE</td><td>UDZSTE-175.6B</td></tr></table> IC <table><tr><td>IC180</td><td>6-710-443-01</td><td>IC</td><td>LM75AD</td></tr></table> JACK <table><tr><td>J180</td><td>1-821-179-11</td><td>PHONO</td><td>JACK</td><td>3P</td></tr><tr><td>J181</td><td>1-821-178-11</td><td>PHONO</td><td>JACK</td><td>3P</td></tr></table>						C181	1-162-964-11	CERAMIC CHIP	0.001μF	10%	50V	C182	1-162-964-11	CERAMIC CHIP	0.001μF	10%	50V	C183	1-124-779-00	ELECT CHIP	10μF	20%	16V	C184	1-124-779-00	ELECT CHIP	10μF	20%	16V	C185	1-164-156-11	CERAMIC CHIP	0.1μF		25V	C186	1-165-908-11	CERAMIC CHIP	1μF	10%	10V	C187	1-162-915-11	CERAMIC CHIP	10pF	0.50pF	50V	C188	1-162-915-11	CERAMIC CHIP	10pF	0.50pF	50V	CN180	1-820-291-11	HEADER ASSEMBLY (PRINT PWB)	12P	CN181	1-820-287-11	HEADER ASSEMBLY (PRINT PWB)		D183	8-719-083-58	DIODE	UDZSTE-173.9B	D186	8-719-069-55	DIODE	UDZSTE-175.6B	IC180	6-710-443-01	IC	LM75AD	J180	1-821-179-11	PHONO	JACK	3P	J181	1-821-178-11	PHONO	JACK	3P	R189	1-216-801-11	METAL CHIP	22	5%	1/10W
						C181	1-162-964-11	CERAMIC CHIP	0.001μF	10%	50V																																																																														
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J180	1-821-179-11	PHONO	JACK	3P																																																																																					
J181	1-821-178-11	PHONO	JACK	3P																																																																																					
R190	1-216-801-11	METAL CHIP	22	5%	1/10W																																																																																				
R193	1-216-833-11	METAL CHIP	10K	5%	1/10W																																																																																				
R194	1-216-833-11	METAL CHIP	10K	5%	1/10W																																																																																				
R195	1-216-864-11	SHORT CHIP																																																																																							
R205	1-216-864-11	SHORT CHIP																																																																																							
VARISTOR <table><tr><td>VD180</td><td>1-803-974-21</td><td>VARISTOR, CHIP</td><td>(1608)</td></tr><tr><td>VD181</td><td>1-803-974-21</td><td>VARISTOR, CHIP</td><td>(1608)</td></tr><tr><td>VD182</td><td>1-803-974-21</td><td>VARISTOR, CHIP</td><td>(1608)</td></tr><tr><td>VD183</td><td>1-802-083-11</td><td>VARISTOR</td><td>(SMD)</td></tr><tr><td>VD184</td><td>1-802-083-11</td><td>VARISTOR</td><td>(SMD)</td></tr><tr><td>VD186</td><td>1-803-974-21</td><td>VARISTOR, CHIP</td><td>(1608)</td></tr><tr><td>VD187</td><td>1-803-974-21</td><td>VARISTOR, CHIP</td><td>(1608)</td></tr><tr><td>VD188</td><td>1-803-974-21</td><td>VARISTOR, CHIP</td><td>(1608)</td></tr></table>						VD180	1-803-974-21	VARISTOR, CHIP	(1608)	VD181	1-803-974-21	VARISTOR, CHIP	(1608)	VD182	1-803-974-21	VARISTOR, CHIP	(1608)	VD183	1-802-083-11	VARISTOR	(SMD)	VD184	1-802-083-11	VARISTOR	(SMD)	VD186	1-803-974-21	VARISTOR, CHIP	(1608)	VD187	1-803-974-21	VARISTOR, CHIP	(1608)	VD188	1-803-974-21	VARISTOR, CHIP	(1608)																																																				
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SE A-1283-525-A SE BOARD, MOUNTED CAPACITOR <table><tr><td>C160</td><td>1-164-156-11</td><td>CERAMIC CHIP</td><td>0.1μF</td><td></td><td>25V</td></tr><tr><td>C161</td><td>1-165-908-11</td><td>CERAMIC CHIP</td><td>1μF</td><td>10%</td><td>10V</td></tr><tr><td>C162</td><td>1-162-915-11</td><td>CERAMIC CHIP</td><td>10pF</td><td>0.50pF</td><td>50V</td></tr><tr><td>C163</td><td>1-162-915-11</td><td>CERAMIC CHIP</td><td>10pF</td><td>0.50pF</td><td>50V</td></tr></table> CONNECTOR <table><tr><td>CN160</td><td>1-820-182-11</td><td>HEADER ASSEMBLY (PRINT PWB)</td><td></td></tr></table> IC <table><tr><td>IC160</td><td>6-710-443-01</td><td>IC</td><td>LM75AD</td></tr></table>						C160	1-164-156-11	CERAMIC CHIP	0.1μF		25V	C161	1-165-908-11	CERAMIC CHIP	1μF	10%	10V	C162	1-162-915-11	CERAMIC CHIP	10pF	0.50pF	50V	C163	1-162-915-11	CERAMIC CHIP	10pF	0.50pF	50V	CN160	1-820-182-11	HEADER ASSEMBLY (PRINT PWB)		IC160	6-710-443-01	IC	LM75AD																																																				
						C160	1-164-156-11	CERAMIC CHIP	0.1μF		25V																																																																														
						C161	1-165-908-11	CERAMIC CHIP	1μF	10%	10V																																																																														
						C162	1-162-915-11	CERAMIC CHIP	10pF	0.50pF	50V																																																																														
						C163	1-162-915-11	CERAMIC CHIP	10pF	0.50pF	50V																																																																														
						CN160	1-820-182-11	HEADER ASSEMBLY (PRINT PWB)																																																																																	
						IC160	6-710-443-01	IC	LM75AD																																																																																



REF. NO.	PART NO.	DESCRIPTION	VALUES			REF. NO.	PART NO.	DESCRIPTION	VALUES		
RESISTOR						C2053	1-162-959-11	CERAMIC CHIP	330pF	5%	50V
R161	1-216-801-11	METAL CHIP	22	5%	1/10W	C2054	1-100-911-11	CERAMIC CHIP	4.7μF	10%	25V
R162	1-216-801-11	METAL CHIP	22	5%	1/10W	C2055	1-100-905-11	CERAMIC CHIP	0.001μF	10%	50V
R165	1-216-833-11	METAL CHIP	10K	5%	1/10W	C2058	1-100-905-11	CERAMIC CHIP	0.001μF	10%	50V
R166	1-216-864-11	SHORT CHIP				C2059	1-100-911-11	CERAMIC CHIP	4.7μF	10%	25V
R167	1-216-864-11	SHORT CHIP				C2060	1-126-392-11	ELECT CHIP	100μF	20%	6.3V
TE						C2061	1-100-566-91	CERAMIC CHIP	0.1μF	10%	25V
						C2062	1-100-566-91	CERAMIC CHIP	0.1μF	10%	25V
						C2063	1-100-566-91	CERAMIC CHIP	0.1μF	10%	25V
						C2064	1-165-908-11	CERAMIC CHIP	1μF	10%	10V
						C2065	1-165-908-11	CERAMIC CHIP	1μF	10%	10V
A-1283-526-A TE BOARD, MOUNTED						C2067	1-100-911-11	CERAMIC CHIP	4.7μF	10%	25V
CONNECTOR						C2068	1-100-905-11	CERAMIC CHIP	0.001μF	10%	50V
CN150	1-819-464-11	HEADER ASEEMBLY FOR PWB				C2069	1-125-889-91	CERAMIC CHIP	2.2μF	10%	10V
U						C2070	1-125-889-91	CERAMIC CHIP	2.2μF	10%	10V
						C2073	1-125-889-91	CERAMIC CHIP	2.2μF	10%	10V
						C2074	1-100-764-21	ELECT CHIP	4.7μF	20%	25V
						C2075	1-100-764-21	ELECT CHIP	4.7μF	20%	25V
						C2077	1-126-396-11	ELECT CHIP	47μF	20%	16V
S150	1-786-977-11	PUSH SWITCH				C2078	1-125-889-91	CERAMIC CHIP	2.2μF	10%	10V
A-1243-786-A U BOARD, COMPLETE						C2081	1-162-959-11	CERAMIC CHIP	330pF	5%	50V
CAPACITOR						C2084	1-162-959-11	CERAMIC CHIP	330pF	5%	50V
						C2085	1-126-396-11	ELECT CHIP	47μF	20%	16V
						C2086	1-100-905-11	CERAMIC CHIP	0.001μF	10%	50V
						C2090	1-100-597-91	CERAMIC CHIP	0.1μF	10%	25V
						C2091	1-125-889-91	CERAMIC CHIP	2.2μF	10%	10V
C2000	1-126-395-11	ELECT CHIP	22μF	20%	16V	C2092	1-125-889-91	CERAMIC CHIP	2.2μF	10%	10V
C2003	1-100-566-91	CERAMIC CHIP	0.1μF	10%	25V	C2094	1-162-959-11	CERAMIC CHIP	330pF	5%	50V
C2004	1-162-959-11	CERAMIC CHIP	330pF	5%	50V	C2095	1-100-597-91	CERAMIC CHIP	0.1μF	10%	25V
C2005	1-162-959-11	CERAMIC CHIP	330pF	5%	50V	C2096	1-162-959-11	CERAMIC CHIP	330pF	5%	50V
C2013	1-126-392-11	ELECT CHIP	100μF	20%	6.3V	C2097	1-100-597-91	CERAMIC CHIP	0.1μF	10%	25V
C2014	1-100-905-11	CERAMIC CHIP	0.001μF	10%	50V	C2098	1-100-597-91	CERAMIC CHIP	0.1μF	10%	25V
C2016	1-112-046-11	CERAMIC CHIP	4.7μF	10%	6.3V	C2100	1-135-366-11	ELECT CHIP	100μF	20%	16V
C2017	1-100-905-11	CERAMIC CHIP	0.001μF	10%	50V	C2101	1-100-905-11	CERAMIC CHIP	0.001μF	10%	50V
C2019	1-100-911-11	CERAMIC CHIP	4.7μF	10%	25V	C2102	1-100-905-11	CERAMIC CHIP	0.001μF	10%	50V
C2022	1-100-905-11	CERAMIC CHIP	0.001μF	10%	50V	C2103	1-100-764-21	ELECT CHIP	4.7μF	20%	25V
C2025	1-112-046-11	CERAMIC CHIP	4.7μF	10%	6.3V	C2104	1-100-764-21	ELECT CHIP	4.7μF	20%	25V
C2027	1-100-905-11	CERAMIC CHIP	0.001μF	10%	50V	C2105	1-100-764-21	ELECT CHIP	4.7μF	20%	25V
C2029	1-162-915-11	CERAMIC CHIP	10pF	0.50pF	50V	C2106	1-100-764-21	ELECT CHIP	4.7μF	20%	25V
C2030	1-162-915-11	CERAMIC CHIP	10pF	0.50pF	50V	C2111	1-100-597-91	CERAMIC CHIP	0.1μF	10%	25V
C2033	1-100-566-91	CERAMIC CHIP	0.1μF	10%	25V	C2112	1-100-764-21	ELECT CHIP	4.7μF	20%	25V
C2039	1-100-905-11	CERAMIC CHIP	0.001μF	10%	50V	C2113	1-112-777-11	CERAMIC CHIP	0.01μF	10%	25V
C2041	1-100-911-11	CERAMIC CHIP	4.7μF	10%	25V	C2114	1-100-764-21	ELECT CHIP	4.7μF	20%	25V
C2045	1-100-905-11	CERAMIC CHIP	0.001μF	10%	50V	C2115	1-115-340-11	CERAMIC CHIP	0.22μF	10%	25V
C2051	1-112-046-11	CERAMIC CHIP	4.7μF	10%	6.3V	C2116	1-115-340-11	CERAMIC CHIP	0.22μF	10%	25V
C2052	1-162-959-11	CERAMIC CHIP	330pF	5%	50V						



REF. NO.	PART NO.	DESCRIPTION	VALUES			REF. NO.	PART NO.	DESCRIPTION	VALUES		
C2117	1-100-905-11	CERAMIC CHIP	0.001μF	10%	50V	C2514	1-127-573-11	CERAMIC CHIP	1μF	10%	16V
C2118	1-100-905-11	CERAMIC CHIP	0.001μF	10%	50V	C2515	1-165-908-11	CERAMIC CHIP	1μF	10%	10V
C2119	1-115-340-11	CERAMIC CHIP	0.22μF	10%	25V	C2516	1-165-908-11	CERAMIC CHIP	1μF	10%	10V
C2120	1-115-340-11	CERAMIC CHIP	0.22μF	10%	25V	C2517	1-127-573-11	CERAMIC CHIP	1μF	10%	16V
C2121	1-100-905-11	CERAMIC CHIP	0.001μF	10%	50V	C2518	1-165-908-11	CERAMIC CHIP	1μF	10%	10V
C2123	1-112-797-11	ELECT CHIP	470μF	20%	25V	C2519	1-165-908-11	CERAMIC CHIP	1μF	10%	10V
C2124	1-135-349-21	ELECT CHIP	22μF	20%	20V	C2520	1-126-193-11	ELECT CHIP	1μF	20%	50V
C2125	1-100-597-91	CERAMIC CHIP	0.1μF	10%	25V	C2521	1-126-193-11	ELECT CHIP	1μF	20%	50V
C2126	1-100-912-11	CERAMIC CHIP	1μF	10%	25V	C2523	1-117-681-11	ELECT CHIP	100μF	20%	16V
C2127	1-100-912-11	CERAMIC CHIP	1μF	10%	25V	C2524	1-107-820-11	CERAMIC CHIP	0.1μF		16V
C2128	1-135-349-21	ELECT CHIP	22μF	20%	20V	C2525	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C2129	1-100-597-91	CERAMIC CHIP	0.1μF	10%	25V	C2526	1-127-931-21	ELECT CHIP	470μF	20%	16V
C2132	1-115-340-11	CERAMIC CHIP	0.22μF	10%	25V	C2527	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C2133	1-115-340-11	CERAMIC CHIP	0.22μF	10%	25V	C2528	1-165-908-11	CERAMIC CHIP	1μF	10%	10V
C2136	1-115-340-11	CERAMIC CHIP	0.22μF	10%	25V	C2529	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C2137	1-115-340-11	CERAMIC CHIP	0.22μF	10%	25V	C2530	1-127-931-21	ELECT CHIP	470μF	20%	16V
C2138	1-115-340-11	CERAMIC CHIP	0.22μF	10%	25V	C2531	1-117-720-11	CERAMIC CHIP	4.7μF		10V
C2139	1-115-340-11	CERAMIC CHIP	0.22μF	10%	25V	C2532	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C2145	1-100-591-91	CERAMIC CHIP	1μF	10%	25V	C2533	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C2146	1-100-591-91	CERAMIC CHIP	1μF	10%	25V	C2534	1-165-908-11	CERAMIC CHIP	1μF	10%	10V
C2157	1-100-597-91	CERAMIC CHIP	0.1μF	10%	25V	C2535	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C2158	1-100-597-91	CERAMIC CHIP	0.1μF	10%	25V	C2536	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C2159	1-100-905-11	CERAMIC CHIP	0.001μF	10%	50V	C2537	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C2162	1-125-889-91	CERAMIC CHIP	2.2μF	10%	10V	C2538	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C2163	1-125-889-91	CERAMIC CHIP	2.2μF	10%	10V	C2539	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C2164	1-125-889-91	CERAMIC CHIP	2.2μF	10%	10V	C2540	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C2165	1-125-889-91	CERAMIC CHIP	2.2μF	10%	10V	C2541	1-127-931-21	ELECT CHIP	470μF	20%	16V
C2168	1-162-979-11	CERAMIC CHIP	0.0027μF	10%	50V	C2542	1-165-908-11	CERAMIC CHIP	1μF	10%	10V
C2169	1-162-979-11	CERAMIC CHIP	0.0027μF	10%	50V	C2543	1-100-567-81	CERAMIC CHIP	0.01μF	10%	25V
C2170	1-162-979-11	CERAMIC CHIP	0.0027μF	10%	50V	C2544	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C2171	1-162-979-11	CERAMIC CHIP	0.0027μF	10%	50V	C2545	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C2500	1-127-573-11	CERAMIC CHIP	1μF	10%	16V	C2546	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C2501	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C2547	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C2502	1-127-573-11	CERAMIC CHIP	1μF	10%	16V	C2548	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C2503	1-126-193-11	ELECT CHIP	1μF	20%	50V	C2549	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C2504	1-126-193-11	ELECT CHIP	1μF	20%	50V	C2550	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C2505	1-127-573-11	CERAMIC CHIP	1μF	10%	16V	C2551	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C2506	1-126-193-11	ELECT CHIP	1μF	20%	50V	C2552	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C2507	1-126-193-11	ELECT CHIP	1μF	20%	50V	C2553	1-165-908-11	CERAMIC CHIP	1μF	10%	10V
C2508	1-127-573-11	CERAMIC CHIP	1μF	10%	16V	C2554	1-165-908-11	CERAMIC CHIP	1μF	10%	10V
C2509	1-126-193-11	ELECT CHIP	1μF	20%	50V	C2555	1-125-889-91	CERAMIC CHIP	2.2μF	10%	10V
C2510	1-126-193-11	ELECT CHIP	1μF	20%	50V	C2556	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C2511	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C2557	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C2512	1-126-193-11	ELECT CHIP	1μF	20%	50V						
C2513	1-126-193-11	ELECT CHIP	1μF	20%	50V						

NOTE: The components identified by shading and  mark are critical for safety. Replace only with part number specified.

NOTE: Les composants identifiés par un trame et une  sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.



REF. NO.	PART NO.	DESCRIPTION	VALUES	REF. NO.	PART NO.	DESCRIPTION	VALUES
CONNECTOR				IC			
* CN2500	1-820-291-11	HEADER ASSEMBLY (PRINT PWB)12P		IC2002	6-710-906-01	IC	CXD9890Q
* CN2501	1-820-287-11	HEADER ASSEMBLY (PRINT PWB)		IC2004	8-759-278-58	IC	NJM4558V-TE2
CN2502	1-793-496-11	CONNECTOR, BOARD TO BOARD	20P	IC2005	8-759-460-79	IC	BA09FP-E2
* CN2503	1-821-001-11	CONNECTOR, BOARD TO BOARD	14P	IC2006	8-759-278-58	IC	NJM4558V-TE2
* CN2504	1-695-044-11	PIN, CONNECTOR(3.96MM PITCH)	2P	IC2009	6-710-904-01	IC	TPA3100D2PHPR
DIODE				IC2013	8-753-232-63	IC	CXA2229Q-T6
D2002	6-500-335-01	DIODE	MC2838-T112-1	JACK			
D2003	8-719-991-75	DIODE	RB425D	* J2500	1-821-086-11	PHONO JACK	5P
D2004	6-500-335-01	DIODE	MC2838-T112-1	* J2501	1-819-358-11	PHONO JACK	
D2014	6-500-028-01	DIODE	MM3Z9V1ST1	COIL			
D2500	8-719-069-55	DIODE	UDZSTE-175.6B	L2003	1-469-555-21	INDUCTOR	10μH
D2501	8-719-069-55	DIODE	UDZSTE-175.6B	L2005	1-469-555-21	INDUCTOR	10μH
D2502	8-719-069-55	DIODE	UDZSTE-175.6B	L2009	1-469-555-21	INDUCTOR	10μH
D2505	8-719-069-55	DIODE	UDZSTE-175.6B	L2010	1-469-555-21	INDUCTOR	10μH
D2506	8-719-069-55	DIODE	UDZSTE-175.6B	L2011	1-469-555-21	INDUCTOR	10μH
D2509	8-719-069-55	DIODE	UDZSTE-175.6B	L2015	1-469-555-21	INDUCTOR	10μH
D2512	8-719-069-55	DIODE	UDZSTE-175.6B	L2016	1-481-083-11	INDUCTOR	22μH
D2513	8-719-069-55	DIODE	UDZSTE-175.6B	L2018	1-457-318-11	INDUCTOR	22μH
D2514	8-719-069-55	DIODE	UDZSTE-175.6B	L2019	1-457-318-11	INDUCTOR	22μH
D2517	8-719-069-55	DIODE	UDZSTE-175.6B	L2500	1-469-555-21	INDUCTOR	10μH
D2518	8-719-069-55	DIODE	UDZSTE-175.6B	L2501	1-469-555-21	INDUCTOR	10μH
D2519	8-719-069-55	DIODE	UDZSTE-175.6B	L2502	1-469-555-21	INDUCTOR	10μH
D2522	8-719-069-55	DIODE	UDZSTE-175.6B	L2503	1-469-555-21	INDUCTOR	10μH
D2523	8-719-069-55	DIODE	UDZSTE-175.6B	TRANSISTOR			
D2524	8-719-069-55	DIODE	UDZSTE-175.6B	Q2006	8-729-027-43	TRANSISTOR	DTC114EKA-T146
D2525	8-719-069-55	DIODE	UDZSTE-175.6B	Q2007	8-729-620-07	TRANSISTOR	2SC3052EF-T1-LEF
FUSE				Q2008	8-729-620-07	TRANSISTOR	2SC3052EF-T1-LEF
 F2000	1-576-958-21	FUSE	4A 24V	Q2009	8-729-027-43	TRANSISTOR	DTC114EKA-T146
FERRITE BEAD				Q2016	8-729-027-43	TRANSISTOR	DTC114EKA-T146
FB2000	1-400-212-22	FERRITE	0μH	Q2017	8-729-027-43	TRANSISTOR	DTC114EKA-T146
FB2006	1-400-089-21	FERRITE	0μH	Q2018	8-729-027-43	TRANSISTOR	DTC114EKA-T146
FB2007	1-400-089-21	FERRITE	0μH	Q2500	6-551-390-01	TRANSISTOR	RT1A3906-T122-1
FB2008	1-400-089-21	FERRITE	0μH	Q2501	6-551-390-01	TRANSISTOR	RT1A3906-T122-1
FB2009	1-400-089-21	FERRITE	0μH	Q2502	6-551-390-01	TRANSISTOR	RT1A3906-T122-1
FB2010	1-400-089-21	FERRITE	0μH	Q2503	8-729-620-07	TRANSISTOR	2SC3052EF-T1-LEF
FB2011	1-400-089-21	FERRITE	0μH	Q2504	6-551-696-01	TRANSISTOR	ISA1235AC1TP-1EF
FB2500	1-400-833-21	FERRITE	0μH	Q2507	6-551-696-01	TRANSISTOR	ISA1235AC1TP-1EF
				Q2508	8-729-620-07	TRANSISTOR	2SC3052EF-T1-LEF
				Q2509	6-551-696-01	TRANSISTOR	ISA1235AC1TP-1EF



REF. NO.	PART NO.	DESCRIPTION	VALUES			REF. NO.	PART NO.	DESCRIPTION	VALUES		
Q2510	6-551-696-01	TRANSISTOR	ISA1235AC1TP-1EF			R2073	1-218-990-81	SHORT CHIP			
Q2511	6-551-696-01	TRANSISTOR	ISA1235AC1TP-1EF			R2074	1-218-953-11	RES-CHIP	1K	5%	1/16W
Q2512	6-551-696-01	TRANSISTOR	ISA1235AC1TP-1EF			R2075	1-218-937-11	RES-CHIP	47	5%	1/16W
Q2513	8-729-620-07	TRANSISTOR	2SC3052EF-T1-LEF			R2076	1-218-937-11	RES-CHIP	47	5%	1/16W
Q2514	6-551-696-01	TRANSISTOR	ISA1235AC1TP-1EF			R2077	1-218-937-11	RES-CHIP	47	5%	1/16W
Q2515	8-729-620-07	TRANSISTOR	2SC3052EF-T1-LEF			R2078	1-218-937-11	RES-CHIP	47	5%	1/16W
Q2516	6-551-696-01	TRANSISTOR	ISA1235AC1TP-1EF			R2080	1-218-937-11	RES-CHIP	47	5%	1/16W
						R2082	1-218-937-11	RES-CHIP	47	5%	1/16W
						R2083	1-218-937-11	RES-CHIP	47	5%	1/16W
						R2085	1-218-971-11	RES-CHIP	33K	5%	1/16W
R2001	1-218-965-11	RES-CHIP	10K	5%	1/16W	R2086	1-218-937-11	RES-CHIP	47	5%	1/16W
R2003	1-218-965-11	RES-CHIP	10K	5%	1/16W	R2087	1-218-971-11	RES-CHIP	33K	5%	1/16W
R2005	1-218-965-11	RES-CHIP	10K	5%	1/16W	R2089	1-218-937-11	RES-CHIP	47	5%	1/16W
R2008	1-218-965-11	RES-CHIP	10K	5%	1/16W	R2090	1-218-937-11	RES-CHIP	47	5%	1/16W
R2012	1-218-965-11	RES-CHIP	10K	5%	1/16W	R2091	1-218-971-11	RES-CHIP	33K	5%	1/16W
R2015	1-218-965-11	RES-CHIP	10K	5%	1/16W	R2092	1-218-971-11	RES-CHIP	33K	5%	1/16W
R2020	1-218-965-11	RES-CHIP	10K	5%	1/16W	R2095	1-220-199-81	RES-CHIP	24K	5%	1/16W
R2021	1-218-973-11	RES-CHIP	47K	5%	1/16W	R2096	1-218-971-11	RES-CHIP	33K	5%	1/16W
R2026	1-218-937-11	RES-CHIP	47	5%	1/16W	R2097	1-218-971-11	RES-CHIP	33K	5%	1/16W
R2027	1-218-965-11	RES-CHIP	10K	5%	1/16W	R2098	1-218-965-11	RES-CHIP	10K	5%	1/16W
R2028	1-218-965-11	RES-CHIP	10K	5%	1/16W	R2099	1-218-965-11	RES-CHIP	10K	5%	1/16W
R2029	1-218-965-11	RES-CHIP	10K	5%	1/16W	R2100	1-218-971-11	RES-CHIP	33K	5%	1/16W
R2030	1-218-965-11	RES-CHIP	10K	5%	1/16W	R2101	1-218-971-11	RES-CHIP	33K	5%	1/16W
R2031	1-218-941-81	RES-CHIP	100	5%	1/16W	R2104	1-218-971-11	RES-CHIP	33K	5%	1/16W
R2032	1-218-941-81	RES-CHIP	100	5%	1/16W	R2105	1-218-971-11	RES-CHIP	33K	5%	1/16W
R2033	1-218-941-81	RES-CHIP	100	5%	1/16W	R2106	1-218-971-11	RES-CHIP	33K	5%	1/16W
R2035	1-218-937-11	RES-CHIP	47	5%	1/16W	R2107	1-218-971-11	RES-CHIP	33K	5%	1/16W
R2036	1-218-937-11	RES-CHIP	47	5%	1/16W	R2108	1-218-971-11	RES-CHIP	33K	5%	1/16W
R2042	1-218-941-81	RES-CHIP	100	5%	1/16W	R2109	1-218-971-11	RES-CHIP	33K	5%	1/16W
R2044	1-218-937-11	RES-CHIP	47	5%	1/16W	R2110	1-208-905-11	METAL CHIP	5.6K	0.50%	1/16W
R2048	1-218-961-11	RES-CHIP	4.7K	5%	1/16W	R2111	1-208-905-11	METAL CHIP	5.6K	0.50%	1/16W
R2049	1-218-990-81	SHORT CHIP				R2112	1-218-973-11	RES-CHIP	47K	5%	1/16W
R2050	1-218-989-11	RES-CHIP	1M	5%	1/16W	R2113	1-218-974-11	RES-CHIP	56K	5%	1/16W
R2051	1-218-990-81	SHORT CHIP				R2114	1-216-864-11	SHORT CHIP			
R2052	1-218-961-11	RES-CHIP	4.7K	5%	1/16W	R2116	1-216-864-11	SHORT CHIP			
R2055	1-218-990-81	SHORT CHIP				R2117	1-208-687-11	METAL CHIP	1.5K	0.50%	1/16W
R2059	1-218-990-81	SHORT CHIP				R2118	1-208-687-11	METAL CHIP	1.5K	0.50%	1/16W
R2061	1-218-990-81	SHORT CHIP				R2120	1-218-973-11	RES-CHIP	47K	5%	1/16W
R2063	1-218-990-81	SHORT CHIP				R2121	1-218-973-11	RES-CHIP	47K	5%	1/16W
R2064	1-218-965-11	RES-CHIP	10K	5%	1/16W	R2122	1-218-973-11	RES-CHIP	47K	5%	1/16W
R2066	1-218-965-11	RES-CHIP	10K	5%	1/16W	R2125	1-218-990-81	SHORT CHIP			
R2067	1-218-941-81	RES-CHIP	100	5%	1/16W	R2126	1-218-973-11	RES-CHIP	47K	5%	1/16W
R2069	1-218-965-11	RES-CHIP	10K	5%	1/16W	R2129	1-218-973-11	RES-CHIP	47K	5%	1/16W
R2070	1-218-990-81	SHORT CHIP				R2130	1-208-697-11	METAL CHIP	3.9K	0.50%	1/16W
R2071	1-218-941-81	RES-CHIP	100	5%	1/16W	R2131	1-208-697-11	METAL CHIP	3.9K	0.50%	1/16W



REF. NO.	PART NO.	DESCRIPTION	VALUES			REF. NO.	PART NO.	DESCRIPTION	VALUES		
R2133	1-218-973-11	RES-CHIP	47K	5%	1/16W	R2516	1-218-831-11	METAL CHIP	220	0.50%	1/10W
R2138	1-218-985-11	RES-CHIP	470K	5%	1/16W	R2517	1-218-831-11	METAL CHIP	220	0.50%	1/10W
R2139	1-218-985-11	RES-CHIP	470K	5%	1/16W	R2520	1-218-678-11	METAL CHIP	270	0.50%	1/10W
R2141	1-218-957-11	RES-CHIP	2.2K	5%	1/16W	R2521	1-218-678-11	METAL CHIP	270	0.50%	1/10W
R2142	1-218-957-11	RES-CHIP	2.2K	5%	1/16W	R2522	1-218-678-11	METAL CHIP	270	0.50%	1/10W
R2143	1-208-905-11	METAL CHIP	5.6K	0.50%	1/16W	R2523	1-218-831-11	METAL CHIP	220	0.50%	1/10W
R2145	1-208-905-11	METAL CHIP	5.6K	0.50%	1/16W	R2524	1-218-831-11	METAL CHIP	220	0.50%	1/10W
R2147	1-218-953-11	RES-CHIP	1K	5%	1/16W	R2525	1-218-831-11	METAL CHIP	220	0.50%	1/10W
R2148	1-218-973-11	RES-CHIP	47K	5%	1/16W	R2526	1-218-831-11	METAL CHIP	220	0.50%	1/10W
R2149	1-218-969-11	RES-CHIP	22K	5%	1/16W	R2527	1-218-831-11	METAL CHIP	220	0.50%	1/10W
R2150	1-218-969-11	RES-CHIP	22K	5%	1/16W	R2528	1-218-831-11	METAL CHIP	220	0.50%	1/10W
R2151	1-218-973-11	RES-CHIP	47K	5%	1/16W	R2529	1-218-831-11	METAL CHIP	220	0.50%	1/10W
R2154	1-218-990-81	SHORT CHIP				R2530	1-218-831-11	METAL CHIP	220	0.50%	1/10W
R2155	1-218-990-81	SHORT CHIP				R2531	1-218-831-11	METAL CHIP	220	0.50%	1/10W
R2156	1-218-990-81	SHORT CHIP				R2532	1-216-853-11	METAL CHIP	470K	5%	1/10W
R2157	1-218-957-11	RES-CHIP	2.2K	5%	1/16W	R2533	1-216-853-11	METAL CHIP	470K	5%	1/10W
R2158	1-218-957-11	RES-CHIP	2.2K	5%	1/16W	R2534	1-218-831-11	METAL CHIP	220	0.50%	1/10W
R2161	1-218-990-81	SHORT CHIP				R2535	1-218-831-11	METAL CHIP	220	0.50%	1/10W
R2162	1-218-977-11	RES-CHIP	100K	5%	1/16W	R2536	1-218-831-11	METAL CHIP	220	0.50%	1/10W
R2163	1-218-973-11	RES-CHIP	47K	5%	1/16W	R2537	1-218-831-11	METAL CHIP	220	0.50%	1/10W
R2177	1-218-977-11	RES-CHIP	100K	5%	1/16W	R2538	1-218-831-11	METAL CHIP	220	0.50%	1/10W
R2178	1-218-977-11	RES-CHIP	100K	5%	1/16W	R2539	1-218-831-11	METAL CHIP	220	0.50%	1/10W
R2198	1-218-963-11	RES-CHIP	6.8K	5%	1/16W	R2540	1-218-831-11	METAL CHIP	220	0.50%	1/10W
R2199	1-218-965-11	RES-CHIP	10K	5%	1/16W	R2541	1-218-831-11	METAL CHIP	220	0.50%	1/10W
R2204	1-218-977-11	RES-CHIP	100K	5%	1/16W	R2542	1-218-831-11	METAL CHIP	220	0.50%	1/10W
R2205	1-218-973-11	RES-CHIP	47K	5%	1/16W	R2543	1-216-853-11	METAL CHIP	470K	5%	1/10W
R2210	1-208-691-11	METAL CHIP	2.2K	0.50%	1/16W	R2544	1-216-853-11	METAL CHIP	470K	5%	1/10W
R2211	1-208-691-11	METAL CHIP	2.2K	0.50%	1/16W	R2545	1-218-831-11	METAL CHIP	220	0.50%	1/10W
R2212	1-208-711-11	METAL CHIP	15K	0.50%	1/16W	R2546	1-218-831-11	METAL CHIP	220	0.50%	1/10W
R2213	1-208-711-11	METAL CHIP	15K	0.50%	1/16W	R2547	1-218-831-11	METAL CHIP	220	0.50%	1/10W
R2500	1-218-831-11	METAL CHIP	220	0.50%	1/10W	R2548	1-218-831-11	METAL CHIP	220	0.50%	1/10W
R2501	1-218-831-11	METAL CHIP	220	0.50%	1/10W	R2549	1-218-831-11	METAL CHIP	220	0.50%	1/10W
R2502	1-218-831-11	METAL CHIP	220	0.50%	1/10W	R2550	1-218-831-11	METAL CHIP	220	0.50%	1/10W
R2503	1-218-831-11	METAL CHIP	220	0.50%	1/10W	R2551	1-216-853-11	METAL CHIP	470K	5%	1/10W
R2504	1-216-853-11	METAL CHIP	470K	5%	1/10W	R2552	1-216-853-11	METAL CHIP	470K	5%	1/10W
R2505	1-216-853-11	METAL CHIP	470K	5%	1/10W	R2553	1-208-643-11	METAL CHIP	22	0.50%	1/16W
R2506	1-216-821-11	METAL CHIP	1K	5%	1/10W	R2554	1-218-949-11	RES-CHIP	470	5%	1/16W
R2507	1-218-831-11	METAL CHIP	220	0.50%	1/10W	R2556	1-208-643-11	METAL CHIP	22	0.50%	1/16W
R2508	1-216-853-11	METAL CHIP	470K	5%	1/10W	R2557	1-218-941-81	RES-CHIP	100	5%	1/16W
R2509	1-216-853-11	METAL CHIP	470K	5%	1/10W	R2558	1-218-945-11	RES-CHIP	220	5%	1/16W
R2511	1-218-831-11	METAL CHIP	220	0.50%	1/10W	R2559	1-216-864-11	SHORT CHIP			
R2512	1-218-831-11	METAL CHIP	220	0.50%	1/10W	R2560	1-218-941-81	RES-CHIP	100	5%	1/16W
R2513	1-218-831-11	METAL CHIP	220	0.50%	1/10W	R2561	1-208-643-11	METAL CHIP	22	0.50%	1/16W
R2514	1-218-831-11	METAL CHIP	220	0.50%	1/10W	R2562	1-218-945-11	RES-CHIP	220	5%	1/16W
R2515	1-218-831-11	METAL CHIP	220	0.50%	1/10W	R2563	1-216-864-11	SHORT CHIP			

108

NOTE: The components identified by shading and  mark are critical for safety. Replace only with part number specified.

NOTE: Les composants identifiés par un trame et une marque  sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.



REF. NO.	PART NO.	DESCRIPTION	VALUES	REF. NO.	PART NO.	DESCRIPTION	VALUES
VD2526	1-802-083-11	VARISTOR	(SMD)	MISCELLANEOUS			
VD2527	1-802-083-11	VARISTOR	(SMD)		1-827-159-21	CORD, AC POWER(WITH CONNECTOR)	
VD2528	1-802-083-11	VARISTOR	(SMD)		2-067-018-01	+PS4X6	
CRYSTAL					7-600-018-07	ADHESIVE (ALTECO Z-84) 20G	
X2001	1-795-501-21	VIBRATOR, CRYSTAL			1-469-089-11	FILTER, CLAMP (FERRITE CORE)	
X2500	1-813-124-21	VIBRATOR, CERAMIC			2-671-541-01	HOLDER, WIRE	
ACCESSORIES AND PACKING					7-684-024-04	N 4, TYPE 2	
*	3-094-648-01	BAG, PROTECTION (KDF-50E3000 ONLY)			3-945-884-11	SCREW (2X6)	
*	3-094-644-01	BAG, PROTECTION (KDF-46E3000 ONLY)			7-682-549-09	SCREW +B 3X10	
*	3-094-645-01	CARTON, INDIVIDUAL (KDF-50E3000 ONLY)			7-685-647-79	SCREW +BVTP 3X10 TYPE2 IT-3	
*	3-094-641-01	CARTON, INDIVIDUAL (KDF-46E3000 ONLY)			7-685-147-21	SCREW +P 3X10 TYPE2 SLIT	
*	3-094-647-01	CUSHION, LOWER (KDF-50E3000 ONLY)		REMOTE COMMANDER			
*	3-094-643-01	CUSHION, LOWER (KDF-46E3000 ONLY)			1-480-319-11	REMOTE COMMANDER (RM-YD016)	
*	3-094-646-01	CUSHION, UPPER (KDF-50E3000 ONLY)			9-885-114-19	COVER, SLIDE (FOR RM-YD016)	
*	3-094-642-01	CUSHION, UPPER (KDF-46E3000 ONLY)		REPLACEMENT LAMP			
	3-210-794-11	GUIDE, QUICK SETUP (ENGLISH VERSION)		*	F-93-0890-00	LAMP BLOCK ASSEMBLY	
	3-210-794-21	GUIDE, QUICK SETUP (FRENCH VERSION)			(REPLACEMENT LAMP -100W, XL-2500 ULTRA HIGH PRESSURE LAMP)		
	3-210-794-31	GUIDE, QUICK SETUP (SPANISH VERSION)					
	3-210-793-11	MANUAL, INSTRUCTION (ENGLISH VERSION)					
	3-210-793-21	MANUAL, INSTRUCTION (FRENCH VERSION)					
	3-210-793-31	MANUAL, INSTRUCTION (SPANISH VERSION)					
	2-637-264-01	SHEET E, RADIATION					
*	3-209-244-01	TRAY (KDF-46E3000 ONLY)					
*	3-209-245-01	TRAY (KDF-50E3000 ONLY)					

APPENDIX A: ENCRYPTION KEY COMPONENTS

Encryption key components developed by Sony Corporation contain confidential information, and shall be handled under the non-disclosure obligations provided in the applicable agreement with Sony Corporation (and/or its subsidiary).

As part of this agreement specific instructions must be adhered to whenever a Circuit Board containing encryption key components is repaired and/or replaced pursuant to the following:

- 1) In the service manual, Circuit Boards containing encryption key components shall be identified with a red outline and a .
- 2) Only repair boards or components listed in the service manual shall be utilized for replacement and/or repair.
- 3) Disassembly, decryption, or reverse-engineering component(s) is strictly prohibited.
- 4) Any board in which the Servicer replaces an encryption key component must be placed back into the set it originally came from and the replaced defective component **MUST BE DESTROYED**. Boards cannot be swapped.
- 5) If a Circuit Board identified with a red outline and a  in the service manual is deemed to be defective:
 - a) and if a core charge is imposed and is covered under the product warranty, the defective un-repaired or modified board **MUST BE RETURNED** to Sony.
 - b) and if the core charge is **NOT** covered under the product warranty, the defective un-repaired or modified board **MUST BE DESTROYED**.
- 5) If a unit is destroyed (such as field scrap), the Circuit Board identified with a red outline and a  in the service manual **MUST BE DESTROYED**.

APPENDIX B: REPLACING THE LAMP

The following instructions are from the Operating Instructions manual for this model.

Replacing the Lamp

The projection lamp, like all lamps, will eventually lose brightness and functionality, which affects the overall performance of your TV. How long the lamp maintains its brightness will vary depending upon your usage and environmental conditions. To maintain the quality of your viewing experience, Sony recommends that you replace the lamp (1) after approximately 8,000 hours of use; (2) when the screen becomes dark or the color looks unusual; (3) when the LAMP LED on the front of the TV blinks; or (4) when the lamp replacement message appears on the TV screen.



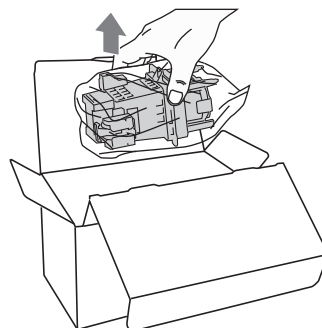
WARNING

Electric appliances can cause fire or high temperature, resulting in injury or death. Be sure to follow the instructions below.

- ☐ Use a Sony XL-2500 replacement lamp (not supplied) for replacement. Use of any other lamp may damage the TV.
- ☐ Do not remove the lamp for any purpose other than replacement. Doing so may cause injury or fire.
- ☐ Do not put flammable materials and metal objects inside the lamp receptacle of the TV after removing the lamp. Doing so may cause fire or electrical shock. Do not touch the lamp receptacle once the lamp has been removed.
- ☐ When the lamp eventually burns out, you may hear a noticeable pop sound. This is normal and it is inherent to this type of lamp.
- ☐ In rare instances, the bulb may pop inside the lamp unit, but the lamp unit is designed to contain all of the broken glass pieces inside the lamp unit.
- ☐ This TV's lamp contains mercury and should be disposed of properly. Consult your local authorities regarding safe disposal. The material contained in this lamp is similar to those of a fluorescent lamp, so you should dispose of it in the same way.

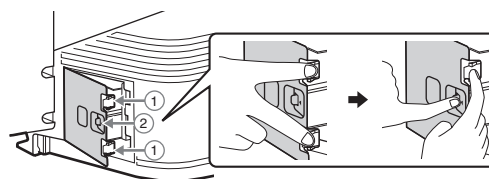
How to Replace the Lamp

- 1** Turn off the power on the main unit. Wait several minutes, then unplug the power cord. (The cooling fan will continue to operate for about two minutes after turning the power off.)
- 2** Wait at least 30 minutes after unplugging the power cord to allow the lamp to cool down before replacing it. To avoid being burned, do not touch the lamp receptacle once the lamp has been removed.
- 3** Take the new lamp out of the box. Do not touch the glass portion of the new lamp.



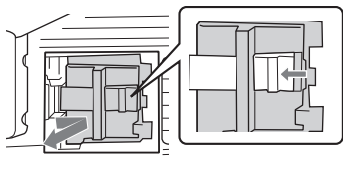
- Do not shake the lamp. Vibration can damage the lamp or shorten its life.
- Avoid touching the front glass of a new lamp or the glass of the lamp receptacle. This may reduce picture quality or lamp life.

- 4** Remove the outside lamp cover. Using equal force, press both hooks (marked by ①) towards the TV screen in the direction the arrows are pointing. While pressing the two hooks (marked by ①), push the center lever (marked by ②) towards the TV screen and pull the lamp cover towards you. The lamp cover should come off easily.

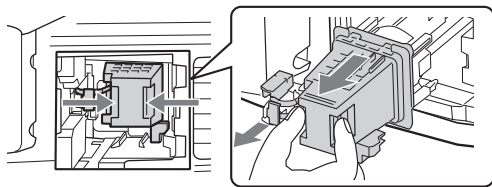


5 Remove the lamp door.

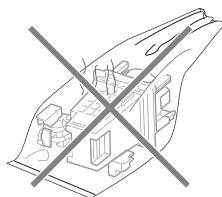
Holding the door knob, press the door lever toward the door knob in the direction the arrow is pointing. Then, pull the lamp door out of the TV towards you.

**6** Pull the lamp out of the TV.

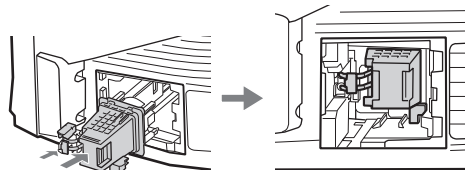
Grip the lamp by the indented grooves as illustrated below. Pull the lamp straight out of the TV as illustrated below.



- The lamp is very hot immediately after use. Do not touch the inside of the lamp compartment, the glass portion of the lamp, or the surrounding parts.
- After the used lamp has cooled, place it into the empty box of the replacement lamp. Never put the used lamp into a plastic bag.

**7** Slide the new lamp into its place.

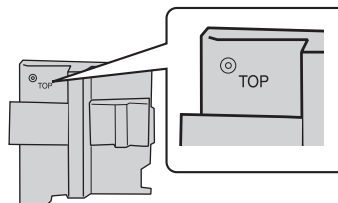
Insert the new lamp into place by holding the indented grooves firmly. Make sure the lamp is securely mounted into the compartment. Failure to do so may cause a fire or the screen to go dark.



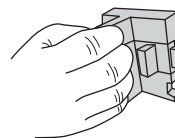
- If the lamp is not securely reattached, the self-diagnostic function may be triggered and the POWER LED blinks six times (see page 19).

8 Reattach the lamp door.

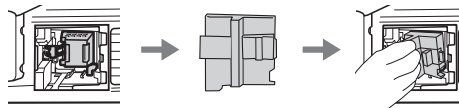
Be sure that the word "TOP" imprinted on the lamp door is on top while placing the door lamp into the compartment.



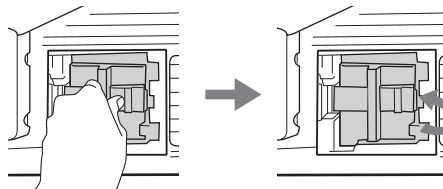
Grip the door knob, but do not hold in the door lever when sliding the lamp door into the compartment.



While keeping the lamp door at a slant, slide the lamp door into the compartment by leading with the left side. Insert the two tabs into the slot and follow the guide rail. Once the left side can no longer be pushed in, press the lamp door lever toward the door knob.

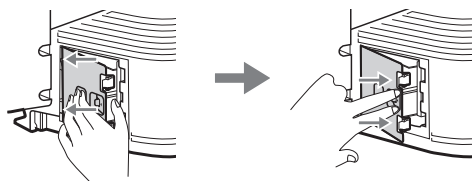


Shut the lamp door by releasing the door lever.



- The lamp door is securely closed when a clicking sound occurs. Make sure it is securely closed by tugging on the door knob.

- 9 Put the outside lamp cover back in its place. Insert the two small tabs from the left side of the outside lamp cover into the slots of the TV. Push in the two larger tabs of the outside lamp cover on the right side into the TV. The outside lamp cover is securely closed after two clicking sounds are made.



- 10 Plug in the power cord. Turn on the TV and set the **Lamp Replacement** option in the **General** settings (see page 42). This setting is necessary to inform you when the next lamp replacement is needed.



- Until you set the **Lamp Replacement** option, a message announcing that the lamp is at the end of its life will appear every time you turn on the TV.
- Consult your Sony dealer for a Sony XL-2500 replacement lamp.
- Take great care when replacing the lamp or plugging in/unplugging the connecting cords. Rough handling may cause the TV to fall, damaging the TV, the TV stand and the floor.

The used lamp

For customers in the United States:

Lamp in this product contains mercury. Disposal of these materials may be regulated due to environmental considerations. For disposal or recycling information, please contact your local authorities or the Electronic Industries Alliance (www.eiae.org).

- ☐ Do not leave the used lamp near flammable materials or within the reach of children.
- ☐ Do not pour water onto the used lamp or put any object inside the lamp. Doing so may cause the lamp to burst.

For replacement lamp information visit:

U. S. residents:

<http://www.sonystyle.com/tv/>

Canadian residents:

<http://www.sonystyle.ca/tv/>

In an effort to reduce the size of this pdf file the tiled schematics are not attached to this Service Manual. To receive a complete set of the tiled schematics for this manual please submit a request to the Service Promotion Department at Service_Promotion@am.sony.com.